# The Mining Journal

Medial Swear Shir

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 391. -- Vol. XIII.]

LONDON: SATURDAY, FEBRUARY 18, 1843.

PRICE 6D.

TO BE SOLD, BY AUCTION, on Tuesday, the 21st February instant, at the Castle Inn, Neath, Glamorganshire, at Tweive o'clock at soon, by Mr. WHITTINGTON, in two or more lots, ONE THOUSAND SHARES, of drib cach, in the CAMBEIAN IRON AND SPELTER COMPANY, whose works are at Massley, and whereon a sum of drib cach, in the Angeles and whereon a sum of drib cach, in the ReversionNaRY INTEREST in FIVE DEEDS POLL of the SWANISEA HARBOUR COMMISSIONERS for driven, payable on the death of a lady of advanced aga.—For further particulars apply to Messer. Thism and Squances, solicitors, Coleman, street, London; or to the Auctioneer, Post-office, Noath.

O MINERS AND OTHERS.—THE WHITE GRIT LEAD

MINERS AND OTHERS.—THE WHITE GRIT LEAD

MINES, and SMELTING-HOUSES and COLLIERY, at Posterior and Pentresbury, near threwbory, TO RE SOLD, BY ACTION, by MA. TIEDALE, on the premises, at the above mines, on Thurseiny, the oth day of blarch, and following days.

AF THE WHITE GRIT LEAD MINES, Ac.

A powerful STEAM-EXOLINE, 5: hourse power, at the White Grit Lead Mines, with holier; about 120 yards of 16-inch pumps, reds, winebore, citetra, and rods, complete, capatan and roge, shearbead, balance holes, gin, and reper, all complete, also a powerful ENGINE, el-house power, erected at the Gravels, with boiler, pumps, rods, shearbead, capatan, and gin, complete,—Likwine another ENGINE, at the Batholes (secarly new); i.b. horse power, upon the most impreved principle, with holier, black pinnips, rods, holes, pumps, rods, holes, pumps, control, the Actions of the Miller of the Miller of the State of the Action of the Miller of the Miller of the Actions, and the Miller of the Actions power, also ment impreved principle, with holes, place pumps, different sizes; many hundred yards of wrought and clast iron rails, flat and round rods, air-troughs, timber, tron, miner's tools and chests, fittings up of blacksmiths' and caproter's shops, with all the observances requisite for carrying on an extensive mining eshablishment.

THERE SMELTING FURNACES, in good condition, enciting iron, and all the necessary emoting tools, weighing machines, and transes, lead months, sic.—Also an excellent 4-horse POWER ENGINE, with blowing apparatus, singhearths, weighing machines, ac.—A excellent CARRIAGE WEIGHING MACHINE, upon an improved construction, lead and cast iron pamps, with several hundred yards of singheapers, and another property is the property of th

POREST OF DEAN.—FREEHOLD COAL MINES for SALE, effering an opportunity for investment of money in a mineral property of extent and intrinsic value, rarely submitted to public competition.— In the month of May next, will be OFFERED for S.A.E., BY PUBLIC AUCTION, at the Austion Mart, in London (unless previously disposed of by private contract, of which due notice will be given), all those catenaire and valuable COLLERIES, or COAL MINES, situate in the Forest of Dean, in the county of Gionesster, called, or commonly known, by the names of—

motice will be given), all those catenaire and valuable COLLERIES, or COAL MINES, situate in the Forest of Dean, in the county of Gloucester, called, of commonly known, by the names of—
PARE END ROYAL,
PARE END ROYAL,
PARE END BOYAL,
PARE END MAIN,
BROOK HALL DITCHES,
BRCHES WELL:
together with allereds, cuts, water-courses, pits, and shorts, and alwould roughly the commonly of mining and of manufacture, in, upon, and about the same collieries, or coal mines, levels, and premises.
These collieries, which are now in active work, are situated almost close to the main line of the Severa and Wye Railway, which gives a direct and easy conveyance to both those rivers, and in various canaba and railways connected with them, and more particularly to the manufacturing district of Gloucestershire and the great markets of Gloucester, Cheltenham, Oxford, Bristol, Erdgewater, and Cork, where, from the very superior quality of the coal, the demand is rapidly increasing, while new railways are opening still greater pronjects of trade.

Early in March an aftertimened, containing a particular description of the above valuable property, will appear; and, after that time, plans, distinguishing the respectives seams, or veins, of coal, and showing the quantities therein; and other particulars, may be obtained on application to Mosars, Pering, Minet, and Smith, additors, Lacrewe Pountage-place, London; Messre, Laca Cocke and Sons, assisted as, and sons and winter and and all the works, at Park End.

\*\*EANSTREG.\*\* HONE WORKS\*\* AND MARCAM\*\* TIN, PLATE\*\*

MAESTEG IRON WORKS AND MARGAM TIN PLATE AND MARS. GRANGERS AND MARGAM TO FLATE.

AND MARS. GRANGERS AND WELLING WITH MARKED TO AND MARKED THE MARKED TO AND MARKED THE MARKED TO AND MARKED TWO BLANT FURNACES, with STRAM-ENGINE, of 45-horse power, have an ample supply of 180 N ORE and COAL, extending under loss of the more of land.—The Margam Tan Plate Works are adopted to the make of see BOXES TIN PLATES per work, the water-power, is considerable, the whole of the machinery in good withing order. The present machinery is applicable also to to the ROLLING of METALS of every description.

Poll perticulars, and due notice, will be given of the time and place of sale, meanime the works may be viewed, and any information respecting them subsidiated, chapledown to Mr. David Rowland, solicitor, White Line-court, Corabit, London, and Mr. William Liewellyn, solicitor, Neath.

OR SALE, by PRIVATE CONTRACT, on the ROSEWALL ENGINE, a feet atrobe in the evilence and 7 not in the pumpy, with a computer, including doors and windows and first pizze of consensation. SYABERIO, ENGINE, on Simm's consistent of risk for principle—1. The consumption of coals with this regime never exceeded ?; lies, per per bour; b.c., a. WINDING, ENGINE, 75 lock, double power, flood augmentation, before directly with vineling appraisant from complete. The graphes are on the most modern construction, made of the best matter manning, are only one and a half mile from a good shipping port, and very cheen —Application to be made to Mr. Nicholas Tredinick, of C Mr. James Simo, ongineer, at Source in Mr. Nicholas Tredinick, of C Barguch, Dec. 7.

JANTED TO PURCHASE, a GOOD SECOND HAND

O ADVENTURERS .- TO BE LET, in the VALE of GLEN MALUR, country Witchew, a MOUNYAIN, on which there are TWO 0.E.

AL VEINE OF LEAD, presenting highly favourable compares to represent
it and there is a read direct to the momentum. Partir duri man in home tip and control and the read to the momentum. Partir dury man in hand by apply
to Massar, Presen and Forester, New Appare, Li-culoi's law, Londoi's Messor,
tandois, Messor,
tangura and Gale, 4. Bashesies's well. Inhalur; veners. Danth and Referris
p, out of Mr. Bildeon theory. Phina, Bernstaleir, Deven.

B.—This advertisement will only appear twice.—Danth Fro. 9.

TO COAL AND IRONMASTERS,-TO BE LET (with immediate procession. ON ROYALTY, on the MINES of COAL and 18608 UNE in the GREEN LANES COLLEST, with or without the competies of the ma, emoisting of fifty cover of lend, elected at the Hirchills, near Walsell, in the early of hardford. The mines that remains to be get consist of charge transfty here. whose of the beens, howeve positions, and these Sains, formand in the got. Several and absorbs are already easily on the restant, account or third have getting the yeard count, and offeres which may be part for got any reasonables quantity of could or invasions on a nemberois expenses. — A relieves has been had more by the Sirvain-private Chinal Chempany from the colleges to a hastes at the lower term of the Sirvain-private Chinal Chempany from the colleges to a hastes at the lower term of the Sirvain-private Chinal Chempany from the colleges and Emission Chinal passes through the normal Emission Chinal Chinal

A NTHRACTTE COLLIERY, Prambrouke-biero. —TO BE SOLD, BY PREVATE CONTRACT, as those oid assabilished, installing, and valuables works, become as the KILLETY COLLIERY, in the country of Prestricts, with presents and exercises MACCENERY. So the country of Prestricts, with NTHRACTTE COLL in the United Kingdom, and held by reason, for the one feet of two posters, for the one feet of two posters, for the contract and the major form of two posters, for the contract of two posters, and the major form of the contract of two posters of the contract of the contract of two posters of the contract of two posters of the contract of the contr

TO MINING ADVENTURERS AND OTHERS — Important any vicing of first PER CENT. In the ARTICLE OF GREAKE — JOHEPH PERCENT ALL OF ANY DESCRIPTION OF GREAKE, for which, tops waggers, can be made and any proposed for which of 1886 greaters are now used. A cample will be breaked from, on application as above.

OMINERS AND IMPONTERS OF ORE.—In order to obviate the disadvantages which importers of ore into Liverpool have hitherto him under, owing to the want of any anitable prevalence for the depositing, preparing for sale, and sampling ove, the UNDERSIGNED, in conjunction with others, have ENCLOSED A SPACIOUS TARD, contiguous no the HARGINGTON BOCK, into which CARGOES MAY BE LANDED, direct from the vessel, WITHOUT CARTAGE, and have ERECTED there, POWERPUL MACHINERY for CRUSH, ING and SIFTING COPPER ORE, and PULVERISING SILVER ORE. All requisite facilities are she provided for SAMPLING and SELLING both descriptions, and importers are invited to avail themselves of the advantages which are thus offered them.—Terms may be known on application to TOD, NAYLOR, & CO. Liverpool, Feb. 15.

CARBONATE OF BARYTES WANTED.—Address, with lowest terms per ton, and where delivered, to Griffith Hughes, druggist, Thornbury, near Bristol.

EAD MINES.—TO BE LET, for a term of years, with kiding of Yorkshire. The liurat Mines form an important portion of the scientisted mining district of Swaledale and Arkendale. The viens are a continuation of those or the A.D. and C.B. Mines, and are now in full work. The average produces, during the last stateon years, has been deep legs per annum, or an aggregate of signor. The iron, wood, and implements may be taken at a foir valuation.

Further particulars may be known on application to Francis Mustey, Eeq., Marrick, park j. John Harland, Evq., Marrick; or Mr. Thomas Blemhiron, the agent at the mine.

FOR SALE, TWO ONE-HUNDREDTH SHARES in the GOOGERDIAN MINES, comprising the five Mine, Darron, and Councymber, the celebrated coine from which Hir Hugh Middleton made immense profits. The present workings have jost reached about the fathouse under the old mine, which is very extensive, and promise is held out of immediate profits.—Application to Mr. English, 26, First street, London.

SHARES IN CORNISH AND OTHER MINES BOUGHT, SOLD, or EXCHANGED, on COMMISSION, Mines imspected by first-rate practical miners; specimens of the ores of the various mines to be seen, and every information gives, on application to William Treasery, Jun. (from Redruch, Cornwall), at his offices, 5s, Turendaneelle-street, London.

N.B.—A quantity of Black Jack for Sale.

R. HENRY ENGLISH, at the suggestion of several friends

undertake the convey of any Mineral Property, or negotiations for purchase or possed of the name.

Mr. English has availed himself of the services of experienced agents of high pate in Conwall, North and South Wales, and Iroland, as also in the North, when sources are the confidently authorities, and reporting thereon, whom sources may be confidently submitted, and their opinions taken on the Arthur States.

SHARES in the GOGERDDAN MINES.

VALUABLE WATERSIDE PROPERTY,
for wbarfage purposes, in the vicinity of Greenwich, on the Kentish side, in he
DISPOSED OF, BY LEASE, or otherwise, in loss or parcels.—Particulars, with
terms, on application to Mr, H. English.

ANDREW SMITH'S PATENT WIRE ROPE.

LOGRADALLE'S PATENT FELL.
BICEFORD, SMITH, AND DAVEY'S PATENT SAFETY FUSE.
MARGARY'S PATENT (SULPHATE OF COPPER) FOR PRESERVATION OF
TIMBER IN MINES, AND ON BAILWAYS.

CONSOLIDATED COPPER MINES OF COBRE ASSO

CLATION.—Notice is hereby given, that a SPECIAL GENERAL MEST on proprietors will be held at the office of the association, \$\tilde{\ell}\_{\ti} TRELEIGH CONSOLIDATED MINING COMPANY.—The

the quasidense role of the last annual general meeting, they have possible as the heaven HUNDRED AND TEN PORFETTED SHARES, to be but of among the present shareholders in the prop-now held, at the rate of II, do, per share. Those p of taking up their quair mass signifit their intenti-as moder, on or before the 26th of February insta-than the distribution will take piace from Monday, if the of March conti (2000 payment of the code cam-ali shores unappropriated with he disposed of as the fire order of the.

By order of the heard, sales of the heard, ROWLAND NICHOLSON, Sec.

UNITED MEXICAN MINING ASSOCIATION.—Notice is DIRACION MINING ASSOCIATION.—Notice bereip given, that a THIRD PAYMENT, and being at the rate of 20 years, or TRENTY-IVEN BRILLIANDERS per observe, in respect of the New Observal Medical Services, in the Control of the New Observal Medical Services, being of properties as, held on the 18th Detectory, 18th, will be made at the office of a searchaffion, on and after Monday nearly, the 18th inch, and which payment will employ it in 18 per cent. required on these charves.

By order of a construction of discretization for the above characteristics of discretization for the observe characteristics and the office office of the observe payment to left at the office of two closer days before payment one to conde.

MEXICAN COMPANY.—The directors hereby give notice, that the SHARER, assumered as believe, on which the call of on, per share, made on the folds of Newconber last, payable on the rate of Descentive last, has been been paid, have become PORFEITED by ouch defectal, and have been catingquished for the benefit of the either proprietors, without prejudies, however, to the right of the directors to anthorw the payment of the mad only, personnel to the dath, o'le, and difficulture to the best of Constitution of the conspacy.

If order of the Duri of Constitution of the conspacy.

If, Great Winchester-street, Feb. 12.

J. M. MAUDR, Secretary.

"I sate very glad to best that my recommendations have been of any service to you. They have been given from a thorough neuricities of the great satisfaces of the Savety France, and I am quete willing that you obscied amplity my names as yet detects of this." Manufactured and sold by the Palestans, BICAPORD, Shil'II, and DAVEY, Camberna, Colorwall.

THE THAMES TUNNEL IS OPEN TO VISITORS DAILY. Enricher extrapried, from Dine in the executing easts file at engist, and to brilliantly lighter with gas. Admiritance, in each. The extraners, for the present, for the present, for the present, for the present file only on the Modificact stde of the River, and roughly for former of the board of the educat.

By some of the board of the educat.

J. CHARLERS, Close of the Commune.

J. CHARLERS, Close of the Commune.

Communely & Others, J., Waltereck-besidency, City, Petersery, 1968.

P. Nittern bracks in the Yearnet For at the appropriate, dean throughout the Commune the Marchiner Bridge, Code financials, Close Street, and Admirate Flare, London does bridge, at overy broad.

MPORTANT PATENT IMPROVEMENT IN CHRONO METRICA man WAPCHER ... E. J. DENT, M., REMARKS, who determined in high contributions of conventing the Generoscant Reward are for comparison perfect mesons. A time have observed aware estimated as haveless mesoning public torus. Seep to expense the public form that the MARKY ACPA RE of the WAP, while, CHARCHART PATERS. ON CLOSER, in SECTION RED to how by THERE REPARED PATERS. PROGRAM FOR REAL CONTRIBUTION, compensating provided in 100 3, 100%, and 100%—Billion Larger Waddham, provided in frost native, at the contribution of the contributio ANTHRACITE IRON.—CRANE'S PATENT.—

BY THE COMBINATION OF ANTHRACITE AND HEATED AIR, I HAD SY APPLICATION TO THE SOLICITORS OF THE PATIENT MESSES. WATRINS AND HOOPER, II, SACKVILLE STREET, LOS

By the use of this process, it is believed that the whole of the veins of anthrocite in thesicoth Weish Basis, amounting in the aggregate to 5:4 feet in thickness, are applicable to the purpose, all those above, and including the brais vein being mearly 40 feet of the whole, have been successfully used by the patentes, at the Tolecedwyn Iron Works, near stwanses.

The consumption of anthracite in the smelting process, has varied from 27 to 3 cert, per ton of iron, see reling to the vein in use.

To heat the blast, the average consumpton has been from 7 to 3 cert of infaring read and cult.

With respect to the strength of HOT-BLAST Authracite fron, the public are peterred to the short-hand writer's report of the ordionce given on the trial in the Common Press, Feb. 15, 1646, in the cause, "Crane s, Price."

Remelled HOT-BLAST ANTHRACTTE IRON broke at 500 the

Fide Mr. G. Cottam's evidence likewise with respect to the extraordinary feelity of hot-biast anthracite iron, in the same document.

The last experiment tries at the Yniseedwyn Iron-Works, which was in Or of the present year, with 1-lach bars, 4 ft. 6 is, betwist the capports, cast distron the hot-blast anthractic formor No. 1, gave the following breaking well—Lim. 682, 710, 454, 662, 646, 767, 650, 657—mean, 674; ibs.

Ynescedwyn Iron-Works,
Swansea Valley, November 24, 1663.

A LIANCE GAS COMPANY.—Notice is hereby given, that the ANNUAL GENERAL MEETING of the proprieture of the Alliance ties company will be held of the company's other, 20. Finshurp-circus, London, on riday, the 3d day of March next, at Two o'vince, precisely, when two therefore will excited, in lieu of two, who retire by rotation, but who are re-cligible.

20. Finshury-circus, London, Feb. 12.

31. B. GRRAVES.

THE GAS METER QUESTION.—No. 1016 (28th January) of the MECHANICS' MAGAZINE, contains Erview of Flower's Pamphiel, and No. 1317 (4th February) Regis of Mr. Flower, with Review Supplementary; also hall Repose of the last experiments at the Archains Gallery, with Editurial Remarks. "Mechanics' Magnatine" and Palent Office, 166, Frort-ofrest.

STEAM TO CORK, calling at PLYMOUTH and FALMOUTH.

—The ST. GEORGE STEAM-PACKET COMPANY'S spinodid and powerful classes with HERICULES, 600 tone and 270-horse gower, Capt. S. S. MOULE, will SAIL FROM OFF ST. KATHARINE'S DOCKS, for the MADVE PORTS, on SATUKOAY, the 25th 10St., at EIGHT O'CLOCK in the morning. —Purther particulars afforded on application at the florest Eagle, Segment Green, Pleasatily; 58, Haymarket; or at the Stones-Packet Office, 147, Leadenhall street.

\*,\* All heavy goods for shipment to be sent to the St. George Steam Wharf, Lower East Smithfield.

THE " HINDOSTAN " STEAM-SHIP AND H.M. FRIGATE "PENELOPE"—The two above massed ground cleases ships are noticely fitted with ANDREW SMITH'S PATENT WILL ROPE for those Reacting Ringring; thus demonstrating that practical expectaces is easily and progressively establishing its superficitly over all other Standing Rigging. For all mining and other purposes it is already proved to be the best and most serviceable description of rupe, super-script beam and closic.—For further particulars, address Mr. Andrew Smith, S. White Lion-court, Cornbill, London.

ONDON STEAM-POWER MILL, -STEAM-POWER, from

W HARF. - TO BE LET, and possession to be had at Lady.

WOOD PAVEMENT, THE PATENT STEREO PRISM COMP PAYEMENT, — THE PATENT STEREO-PRISM COMBINATION FOR WOOD PAYEMENTS, SALLIMAD and OTHER VIADOUTS, CHURCH AISLES, PUBLIC HALLS, BARN and SECHEN PLOORS, COURTY A RDS, 67A BLES, &c. — The moder signed prison to selection to distribute of GRAFT, 1906 LICENCER to seek to portion on many requires to use the solver Consciousmins have been presented of wood paying, &c., at a distribute of set insections will not be presented in a most proposed to seek the solver Consciousmins the prespondent of wood paying, &c., at a distribute of solver consciousment of the word and of London and the section of the solver consciousment of sewers of the City of London, and many setterifies and practiced most to whom the proportion of this combination have been estentialed, conceded in the property of the combination have been estentialed, conceded in the property of the combination have been estentialed, conceded in the present of the combination have been estentialed, conceded in the present of the combination have been estentialed, conceded in the present of the combination have been estentialed, conceded to the present of the combination have been estentialed, conceded to the present of the combination have been estentialed, conceded to the present of the combination have been estentialed, conceded to the present of the combination have been estentialed, conceded to the control of the combination have been estentialed, conceded to the control of the combination have been estentialed, conceded to the control of the combination have been estentialed.

PATENT PERRYIAN PENS.—Prices rendered accessible to all
witters.—JAMES PERRY and CO., manufacturers in the Majory and H. S.H.
Libert, here just interested a new ractory of their cases of METALLEC

PENS, IN BOXES AND ON CARDS.—DOUBLE PATENT

EXCUBLE PATENT PERIO, No. 5, he tengers recentaining three discess, old dispens, or critical course, reach, with the conditions, or critical has printed.

CENTE CUT PERIO. In borone resolutioning three forces, old discuss, or tractive discess, with the or medican printe, and on cateful contributing time print, with builder.

PENS, in CASES containing a Quarter Hundred, with Hubber DOUBLE PATROT PENS No. 2, with flow or medium penda RAYEN BLACK PENS No. 2, No. 3, No. 5,

All the other garts of the Porrylan Pron, manufactured by James Pary and Cu-are and no most as an annal - field by at intelliment and desires an autaliar pass, and at the manufacture; E. Red Line-agrams, Londons.

COMPOSITIONS FOR WRITING WITH STEEL PENS.

PERFERENCE WRITING WITH STEEL. PENS.

Those compressions, which have no resucchabily extended for one of the Steel Penses trought to entry great perfections, being stored costs with more than the second cost for extins with, second costs to extins with a second cost for extending the second costs of th

## LAW INTRILIGENCE.

# BRITISH IRON COMPANY-IMPORTANT JUDGMENT.

COURT OF QUEEN'S BENCH-FRE, 11.
SHITH S. GOLDSWORTHY, -- Lord DENMAN: This is an action of cove REFTR C. GOLDSWORTHY.—Lord DENNEAN: This is an action of cover-mant, brought by the plantiff, as secretary to the British Iron Company, against the defendant, a member of the company, for calls. The company's original Deed of Settlement was dated 30th April, 1920, and by it the sub-scribers covenanted with Edward Taylor, Robert Ogg, and William Martin, to pay such instalments on their shares as should be called for by the direc-tors, in pursuance of the power vested in them. The defendant having be-come proprietor of many shares, executed an indenture, dated the 7th March, 1940, after the death of Robert Ogg, by which he covenanted with Edmand Taylor and William Martin to observe the covenants in the deed of 1930, and to pay all such instalments on the shares held by him as should be called for the directors in covenance of the source vested in them by the Dard of

to pay all such inetalizerate on the shores held by him as should be called for by the discretes, in pursuance of the power vested in them by the Daris of Retifement. On the 3d July, 1540, an Act of Parlimened was passed, which cannot discussed that "all actions, with, and other proceedings whatevering all law or is equity, for any injury or wrong done to any read or personal promptly of the addit company, or upon on its region, and progressed in the discussion of the discuss

dersed, or subjoined, that Act of Parliament cannot be reserted to by the plaintiff to support the resolutions. The defendant fastiner assesses that the effect of the resolutions reducing the shares, was to disculve the company. We do not think any such effect followed, but rather that they were simply void and imperative; neither does it lie, is the mouth of the defendant, who became a properiore after those resolutions passed, to say that to company these existed. We think the shares always were, in point of law, 1004, shares, and, therefore, that the 27th and 40th pleas are no answer to the action. We, also, further think that if the shares were reduced at one time, to 501, still that the resolutions of 1818 restored them to their original value, and that the concentrance of the defindant, in carrying those resolutions into effect, in 5 majorial question. Neither is it necessary to show that such concurrence was by dord, for it, in no way, eiters the covenant of the defendant. That e-venant binds him to observe the covenants on the Deed of Settlement, which deed provides for alterations to be made by resolutions themselves are not required to be by deed, not can it be in any way requilite that the concurrence of the defendant in them should be by deed. For these reasons, we are of opision that the plaintiff is entitled to the judgment of the Court.

# MR, SAMUEL HALL'S PATENT CONDENSERS.

MR. SAMUEL HALL'S PATENT CONDENSERS.

BALL CHECKINSON AND PIM.—This case, which was partly heard on Friday (reported in our last), was resumed and concluded to-day. The plaintiff is the patente of an improved stream concluded to-day. The plaintiff is the patente of an improved stream concluded to-day. The plaintiff is the patente of an improved stream conclusion to danger, and which produces other advantages of an important character in the efficiency and economy of the steam-engine. The defendants are two of the directors of the St. George Stream-Packet Company, who are the owners of a great many steam-respite trading from this country to Ireland, the continent of Europe, and America; and the question between the patries in the neticen turned entirely upon the construction of an agreement as to the terms upon which the defendants were to be at liberty to apply to their vessels the patent machinery of the plaintiff. It was, in the first instance, agreed that the defendants should, in consideration of paying il. per horse-power per annum, have the enjoyment of the plaintiff is invention during the continuance of his patient in sixteen vessels, which were named in the contract, and that in certain events they were to have the power of substituting other vessels in the room of those expressly named in the bargain. They applied the new condenser to two only of the sixteen, but subsequently used the patent in the case of six other vessels, and the were mand in the original content the defendants would be entitled to use the patent in the case of six other vessels in question for the remainder of the time during which the patent was to run, so the plaintiff bad the right to receive 14. per horse-power for every one of the six vessels, and for every year of the time, except in some continuances in question for the remainder of the time during which the patent was to run, so the plaintiff bad the right to receive 14. per horse-power for every one of the intervent of the horse-power of the sind during which the patent c

The Solferron-German, in reply, contended that there was no second contract at all, and that the correspondence had no effect upon the original bargain, and was not entered into with any reference to it. With regard to the proposed reduction of the terms upon which the calculation was to be made, the learned goatleman showed that the charge to the Waterford Company, all things being considered, was really higher than that which had been made to the defradants.

The learned Judon, having left the whole case to the jury, and expressed his own opinion to be in favour of the view taken by the Solicitor-General, the jury found a vertet for the plaintiff in general; flading, moreover, that he amount of the gas ought to be calculated upon the principle contended for upon it do not the case. It was, therefore, agreed that the particular amount for which the vardiet was to be faulty entered up, should be estited out of court. estiled out of court.

# LIABILITY OF SHAREHOLDERS-TRELEIGH CONSOLS.

LIABILITY OF SHAREHOLDERS—TRELEIGH CONSOLS.

VICE-WARDEN'S COURT, CORNWALL, FEB. 2.

PARCON AND OTHERS F. TRENERY.—This was an action brought by three plaintiffs, Paccoe, Homby, and Morton, as an adventurer in these mines, for the sum of 96%, being a balance remaining on a tributer, as an interest in these mines, for the sum of 96%, being a balance remaining on a tributer account for a five week's take, commencing on the 24th June last, at 8a. in 16. The chief question raised was as to the inability of the plaintiff, and witnesses were examined as to the proof of his being a share-hobber to the undertaking; it was proved by Capital Sincock and others, that the defendant was often on the mine, expressing much interest in any improvements which took place, and complaining of his leases in the concern, and that he had been known to attend the meetings of adventurers in Landon. The "take" having been proved, and the quantity and value of the one described, the Vice. WARDEN summed up, and the jury returned a resolute for the plaintiffs for the full amount. On the 6th inst. Mr. HENALLACK moved for a new trial, on the ground that there had been no evidence to prove the defendant a shareholder, and his Homoun deferred the decision.

to prove the defendant a charcholder, and his Howeva deferred the decision.

Bescue at the content of the most lamentable results of over speculation, in modern days, is that of Messre. Wright's hankruptcy. From the uncertain and speculative character of the different properties, in which they are recklenely embarked, it is not possible to determine a sum that can represent their present their present value; but it is estimated that the property to be taken by the assignmen, and stated in the balance-sheet, at the cost amount of 164,8364, 18s. 7d., may realize 54,4084, 5s.; and the property beld by rectiture, and stated at the cost of 143,9484, 4s. 7d., may realize 124,0384, it. This estimate, however, will be fromed most fallacious. The shares estimated by the bankrupt so of doubtful value, amounting to show 40,0004, have either here forefetted, or produced nothing, with only one exception, and on that, out of 27004, there will be a loss of 20004. Of those estimated as groud, amounting to showe 43,0004, mention may be made of some which have been functioned to produced nothing, or on which there has been a great loss to-floridated congruent Mister Company 19004, German Miss, bus of about 20004, Impered Missing Association, bus of 7004, German Miss, bus of about 20004, Mostanet doubtful, Therefore Miss there have a day of the part of the flower of 1004, Therefore the part of the flower of 1004, Therefore a flower doubtful, Therefore has a flower doubt, trustees of Mormand tensors at the flower attent of the making a total of 21,0404. This sum, added to the shaces estimated as bad, makes a loss of above 4004, 1006. There are many of the bankruptcy, John Wright, the principal of the flow, was a charcholder in above 2004 decided to be banked a flower distinct of the most of 60,0004. There are many of the bankruptcy, John Wright, the principal of the flow, was a charcholder in above 2004 decided to be banked a flower distinct of the most of 60,0004.

Extension of the Arraboation of Inco-/From a Correspondent;
As conduct instance of the increasing mass to which iron can be applied,
a may mention that a large iron massion has been besit by Mr. W. Laycock.

INSTITUTION OF CIVIL ENGINEERS.

For. 14.—The Principles in the chair.—In the conversation which was merewed upon Mr. Pole's paper "On the Comparative Priction of Bean and Direct Action Steam Engines," the suther first explained the narrar and subjects of his paper, which had not been fully understood the former evening, and illustrated the mode of analytical reasoning by which he had arrived at his esoclasions. He then proceeded to answer the objections which had been raised against the laws of friction adopted by him, and to comment upon the mode of experimenting of Viner and others, showing, on the other hand, by quotations from the recorded experiments of Amoston, Coulomb, Hennin, and Morin, and flum the works of Gregory, Blewster, Enserson, Playfair, Barlow, Farey, De Pambour, Polsnon, Prist, Whersell, and Moreley, that the views he had taken were correct. He also noticed the variations produced by attrition, and by the introduction of unchrons substances between the rubbleg surfaces. These views, which were given at great length, and with such clearness, were corrected by several members present, some of whom had been quoted as authorities, and the propositions involved in the paper appeared to be generally received.

A paper was read, describing a new mode of making malleable from direct from the one at one process; it is the invention of Mr. Clay, and is used at the Shirva Works, near Kirkintilloch, Scotland. By this process, a mixture of allowed the pass graduality through a hopper into an oven adjointing, and forming part of a species of pudding farence, into which a given quantity is drawn at stated times, when the roughly and uniformly health. The sharge in then puddied in the unant meaner, but with less labour than whop working plate-iron, and in about an meaner, but with less labour than whop working plate-iron, and in about an analizable iron bars are produced of a quality (as was stated by some mean-hors present) aspectes to the enhis holts or best iron, unanly made they have a facility, and, wh

## CAUSE, EFFECTS, AND PREVENTION OF SMOKE.

CAUSE, EFFECTS, AND PREVENTION OF SMOKE.

Mr. Edward Solly, Jun., delivered a lecture on this subject to a very numerous auditory, at the Royal Institution lately, in which, after alinding to the importance of the subject, the lecturer stated, that although there were three forms of matter, the solid, fluid, and gaseous, but two of these were combustible. Although we consumed solid coal, fluid oil, and eriform gas, but two of these were really combustible, as it was only when the fluids were converted into gas that they would bure. Bifunginous coal, or common fuel, was composed of two of these elementary principles, gas and the solid carbon, or coke, a knowledge of which was essential to the true philosophy of smoke. The object of combustion should be to put the carbon into the best form for combination with oxygen, as was shown in those agrangements for burning lights where solid carbon is constantly being given eff, forming the outside of the fisure. Some of the compounds of hydrogen contain so much carbon, which is held by so feeble an affinity, that no union with hydrogen takes place, and snocke is formed. Smoke is formed from two causes—fiest, when there is too much carbon and not enough oxygen; and, second, when the flame is couled. It is not true, however, that stanke is formed only in combustion when there is not a sufficiency of axygen; because it is also produced when there is not a sufficiency of keat. This is shown in the case of a common candie, which is occasioned by the cooling of the surface. Now, the lecturer observed, see what takes place in a common furnace, we have, first, the earbon is a state of active incande scence, on which the hydro-carbon, or coal, is thrown; the door is these closed, and a sufficient quantity of axygen not being introduced, smoke is rapidly evolved. Such is the case with the formace; but it would also be impossible to device a better means for the formace; is the own; the door is these closed, and a sufficient quantity of axygen not being introduced, smoke is rapidly

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Now, the greatest proportion of these were combustible, and if the farl was properly burnt, asses of these carbons would be wasted, and the nuisance of smoke would be prevented. In order to do away with the nuisance, various plans had been proposed during the last two contouries, which were more or loss interesting. Amongst these were some in which the mechanical granupements were the principal feature; and he might here mention, that one of the great causes of smoke was in the mode by which the stoker put on the fact. If the cost were carefully put on, much good might be effected, but it was some convenient to the workmen to throw on a large quantity at case, by which smoke in very great abundance was given off. The most important of three was the putent furnance of Mr. John Juckes, where there was no attendance required, nor showelling on by stokers. The restrivance was an endiess chain of fire-har, furning the furnance, which were prepartably traversing, in the process the volatile participate heing given off in the first stage, passing over the fact in an active state of inconsistencemen, by which the whole are bound, and no smoke is formed. The fact is contained in a hopper outside the fact done, exciting on the fire-hars, from whence it is, by their traversing motion, carried on ward until the whole is emaxumed, the source, missisting merely of the homeobratchle participating the formed on a stoke the fact homeobratchle participating the formed on the fact and rejecting the stories, the fire-hars being from from the formation of clinker, and rejecting the source, the fire-hars being from the formation of clinker, and for the administration in a very interesting manner at the beginning of the indistrict invariance, according to the different invariance, according the constitution of a source and perfect tombustion implied a considerable axing libraria. is a minution of the value of the absort conducts there of conducting any properties limits, as the throwes him and the other propertients, hyporaed earth produced the throwes him and the other propertients, and the conduction implied a constitution of the horizont in the fact and the united to the company.

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## PROCEEDINGS OF PUBLIC COMPANIES.

PROCEEDINGS OF PUBLIC COMPANIES.

IRISH WASTE LAND IMPROVEMENT SOCIETY.
The half yearly general meeting of this company was held at the King's Head Tavera, Positive, on the 16th instant.
The advertisement convening the meeting having here read, the Charaman called upon the Sceretary to read the reports—the insertion of which, owing to the delay in forwarding the copy to this office, we are obliged to postpose until next week.

The Charaman observed that the decuments read were so detailed, that he could add no information to them, but should be glad to answer say questions that should be proposed by the proprieters. There, however, was one part of the directors' report upon which he witseld to remark—wire, that which alluded to the forliciture of the shares. At the last meeting above 500 shares were declared forfaired, out of 749 recommended to be forfaited by the directors. He, in conjunction with the rest of the committee, all believed that to forfeit these shares would be the best occurse which could be adopted. To have recorse to legal measures, would involve the company in great expenses, and would be of no avail after all. The forfeiture of these shares would certainly make any calls, that may be required, fall heavier on the remaining proprieture; but, as the property aboved well for an early division of profits, the divident, from there being a smaller number of shareholders, would, or course, be of a greater amount.—In reply to a proprietor, the Chairman attach that the balance of cash in hand amounted to 5501.—Mr. MAUDE read the staken place in the expenditure in Treland, a similar one had been made in London,—The report was then received and adopted, and, after a little discussion, ordered to be proised and circulated.

In reply to a proprietor, the Chairman said, that the number of shareholders was about 133.—A letter was read from Mr. Featherstone, one of the first reclaimers of waste land in Ireland, which gave a very favourable account of the means now adopted by the little discussion, endower—th

another call being made, which, from the number of decameters, non secondarics and the property of the property of the secondary of the second

NORTHERN AND EASTERN RAILWAY COMPANY.

At an adjourned special meeting, held at the London Tavere, on Wednesday, the Uth inst., it was unanimously resolved to extend the line to Newport, and, subsequently, to Cambridge, to carry out which extension, the himount of the assumed cost (190\_041L) is to be raised by 13,208 aboves, of Sel. each, which will realize 182,600L, the surplus of the old fund, 40,191L, being added, to make up the deficiency.

## GREAT WESTERN BAILWAY COMPANY.

being added, to make up the officiency.

GREAT WESTERN RAILWAY COMPANY.

The half-yearly meeting of the sharsholders of this company was held at the company's establishment, in Princes-street, Bank, on Thorsday, the 16th mat.—Mr. S. Auventus (the secretary) having read the advertisement convening the meeting, the CHAIRMAN (Charles Russell, Esq., M.P.) then observed, that it was a great piezaver for the directors to lay before the proprietors the report for the half-year, because they thought it exhibited every sign of prosperity is their undertaking, though, no doubt, they had suffered from the depression of trade which had pervaded every part of the kingdom. It would be seen that the returns of the past half-year exceeded those of the corresponding als months of 1981 in the ratio, as a greater extension of the line had taken place in that period, from which direumstance they were now shie to give an advanced dividend at the rate of 7, instead of 6 per cent. With a view to make every raving, which could be done with aniety, and without affecting the interest of the company, it would be seen that the directors proposed to consolidate their establishments at Bristal and London—alon, to concentrate all the works connected with hocomotion at Swindom, and to remove the efficies from their present lipsality to Paddington, and to dispose of the premiers in Princes-street, when they would set about a scarching revision of their whole establishment, with a view to effect causiderable reduction of August, 1841, it was determined by the proprietors that the board of directors should be reduced to eighteen, and in dispose of the premiers in August the scale of the considerable reduction they determined on a still forther reduction of the proprietors to well the standard of the seminary into effect at once the object of the proprietors and the directors to carry into effect at once the object of the proprietors as for a subscribe to carry into effect at once the object of the proprietors, by reducing the removerage as and o beliance of 20021. In. 11d. would then remain. The pritties for the Onford branch had been prevented to Profitment, and the Chebracham Company had agreed to the amalgamation proposed by this company.—After some discremine on the depreciation foud, third-class faces, the proposed church and schools, and other subjects, in which Mr. Juners Haywerth, Mr. Crostlewaite, Mr. Fripp, Mr. Vensley, Mr. Baliry, and others took part, the report was adopted manalisecondy.—The following grantieness were their re-dested directors:—Lord Barrington, M.P., W. G. Hayter, Esq., M.P., J. W. Milcs, Esq., M.P., C. Bassell, Esq., M.P., and H. Schoolds, Esq., other which a vite of thanks was pussed by nothanties to the directors, and also to the worthy chairman, when, after several contributions had been made to the building State, the meeting separated.

CHELLENHAM AND GREEN WARD CHELLENDERS.

CHELTENHAM AND GREAT WESTERN RAILWAY COMPANY.
A special meeting of the properties to this company, was held at Clean sector, on Turnday, the 14th load,, in consider the properties of arthurbing the disentences to break with the Govat Western Company for the rather sake of the properties, as no break with the Govat Western Company for the rather sake of their properties, and another the properties and of the properties and and the fact of the sake sake of their properties, or agreefing to the terms of partitions efficied by the facility of the sake and the properties and the sake of the sake and the properties and the sake and the sa

BIRMINGHAM AND GLOUCESTER RAILWAY COMPANY.
The ball-yearly general meeting of the shareholders of this company w

The half-yearly general meeting of the shareholders of this company was held at the Bell Hotel, Gioscoster, on Wednerslay, the 15th inst. (Captain C. R. Moonson, R. N., in the chair), when a dividend of 25s, per share was declared. The receipts for passengers, goods, malls, éve., somewheel, for the half-year ending the 31st December Rat, to 80,319f. 17a. 11d.; and the charges during the same period were stated at 41,604f. Sc. 2d.—Inving a disposable balance of 8023f. 3b. 9b. To this was to be added the balance in hand on the 30th June, of 4337f. 18. 6d., making the total disposable balance of 12,963f. Sc. 3d.

disposable balance of 86235. 2s. 9d. To this was to be added the balance in hand on the 20th Junc, of 4337l. 18. 6d., making the total disposable balance of 12,963l. 8s. 3d.

MIDLAND COUNTIES RAILWAY.

A special general secting of proprietors was held at the Athenaum Rosens, Derby, on Tuesday, the 14th instant, "to take into consideration the report of the committee of inquiry, appointed at the special meeting held on the 18th day of November last, and for adopting such resolutions with reference to the acid report as may then be thought proper." TROMAG DICEY, Evq., in the claim.—After the usual preliminaries, Mr. J. HEYWORTH handed in the report, and stated that it had received the unqualified assent of every member of the committee, with the exception of Mr. Waddingham, who had not attended the meetings, be use not propared to give an opinion.—The report was then read, which proposed a reduction, in salaries and wages, of 7088f., and 600l. to the allowance to directors, making 6536l. The directors had already varied out reductions to the amount of 6148f. 18s. 3d., the difference between them and the committee being 2009f. 4s. 10d. per annum.—The directors, in their reply, state they cannot see where this further reduction can possibly be made, the committee having refused all infurnation on the subject; and they wish to place in the strongest point of view, before the public, their conviction, that not one furthing further reduction can be made, without detriment to the company's interest, and danger to the public.—A very long, and somewhat angry, discussion took place, principally by Mr. James Heyworth, with the chairman and his supporters—the greater part of which was entirely void of interest; and, after a sotion, by Mr. Buraley, in favour of the directors, and an amendment, by Mr. PAGET, had been canvasced—Mr. RUBLER and interest angested by the committee, see antifactorily answered, and trust that the present and future directors will take into consideration the rebreachments suggested by the committee,

against it, 3974; leaving a majority of 183 in favour of the directors.—The meeting then broke up.

EDINBURGH AND GLASGOW RAILWAY COMPANY.
The half-yearly general meeting of the shareholders was held on Wednesday, the sit lustant, at the Staton-house, Queen-street, Giasgow. John Laammourse, Esq., in the chair. The gross receipts of the line for the half-year had been 39,904i. 8s. 4d.; expenses, 19,181f. 12s. 4d.; and interest of money berewed, 11,443f. 4s. 4d.—Iraving an available balance of 29,369i. 11s. 8d., for the gapposes of a dividend. The report, which recommended a dividend of 5 per cent. for the half-year, was adopted unanimously, and a surplus balance of 4919i. would then remain for contingencies.—Mr. Handmann again moved the stoppage of the trains on Sunday, and, after much discussion, the shareholiters divided, when there appeared for the suppression, the representatives of 3656 shares, and for the continuance of the trains, 4985 shares.

ST. GEORGE STEAM DECEMBER.

pression, the representatives of 3656 shares, and for the continuance of the trains, 4985 shares.

ST. GEORGE STEAM. PACKET COMPANY.

A meeting of the shareholders in this company took piace at Cork on Thursday, the 9th inst. (the Marcon in the chair), when the principal discussion that consuced was upon a circular which had been sent to each shareholder during the previous week, and signed Ebenezer Pike, in which was stated the intention of the directors to agree with another company to run with them in the Cork and Liverpool line—the St. George Company not having a sufficient number of vessels of their own; they, therefore, proposed to form another company, with a capital of 50,000d., in 1000 50d. shares—595. only to be called, in four instalments of 5d. 5a. each, the St. George shareholders to have preference; it was further proposed to build an irun ateam-ship, of about 600 mas, two engines, of 150 horse power each, with all the new improvements. An animated discussion took place, but the meeting broke up without coming to any resolution, deeming it more prodest to let each individual shareholder act for himself, and jois in the new scheme if he thought proper.

# MINING CORRESPONDENCE.

ENGLISH MINSTER.

HOLMHUAR MINING MODERNY.

Feb. 13.—Hitchina's shaft is sunk below the ninety fathom level 10 fms. 4 ft. 6 im., which is at a sufficient depth for the 100 fathom level; we are, therefore, now about to drive a cross-cut from the shaft to cut the lode, and also to communicate with the said level from Wall's shaft. In the 110 fathom level west the lode is case foot wide, and worth 126, per fathom. In the 100 fathom level west the lode is eight inches wide, and worth 66, per fathom; at this level cast the lode is assail and unproductive; in the cross-cut towards the Flapjach lode, at this level, the ground continues favourable for deiving; the lode in the stopes, in the back of ditto, is sinteen inches wide, and worth 200, per fathom. The servety, eighty, and ninety fathom levels, west of Hitchins's shaft, are still progressing in favourable ground; in the winze sinking below the sinety fathom level the lode is the enstern atopes in eighters inches wide, and worth 226, per fathom; the lode in the enstern atopes is eightern inches wide, and worth 226, per fathom; the lode in the enstern atopes is two feet wide, and worth 466, per fathom, and in the western suppar sighteen inches wide, and worth 466, per fathom. In the eighty fathom level not, and producing atoms of ore; if he north lode, at this level, being small, we have removed the men to extend the cross-cut further north, as we think there is another part of the hode in this direction; the lode in the stopes, in the back of ditto, is sixteen lechon wide, and worth 106, per fathom. The sixty-two fathom level, both saal and west, and the deep addition to eath and west, and the deep addition. The sixty-two fathom level, but and make a north same.

F. PHILLIPS.

went where the eighty cross cut is much the same as last reported. The seconty sast, on the south branch, is much the same as last reported. The seconty sast, on the south branch, is much the same as last reported. The seconty sast, on the south branch, is much the same as last reported with the second south branch, is much the second the
sack of this level is worth 181, per fathom; the second west, on this lode, is
much 201, per fathom; the ground is ottil very favourable for driving. At
the winne vinking in the bottom of the fifty-secon sast, the lode is worth 201,
per fathom. The lode is the winne, under the firsty east, has not been taken
down. Since our last we have recomed claing is the back of the forty-two,
and are up about four fathoms. We taited in rise to the thirty fathom level,
and then drive cost over the ore ground driven through in the farty-two tathom
igned; this we consider a good speculation.

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real; this we consider a good speculation.

Fig. 13.—In consequence of the summents having been engaged easily the whole of the pent week in sending down and fixing some engaged easily the whole of the pent week in sending down and fixing some new pitweek, there has been but little door in the bettern of the short inter instruments, therefore, no alteration in the approximance of the lode. The shart should not fix the series the series the five the five the fixed in the size is also much the same as last expected, producing a small quantity of ore. The lode, in extending the fifty fathom level cast, is provincing about sif a tor of ore per fathom; it end is about toward pithoms beind that of he facty. We consider this end as not yet passed through the best past of he inde counting down from the levels where. The quantity of ores for next ampling will be about fifty-six tune, which we think will be of a better quality has last pared.

Feb. 11 .- Al Christon, at the circle for the confant.

FOREIGN MINES.

FOREIGN MINES.

IMPRRIAL BEARILLAN MINING ASSOCIATION.

Gampo Seco. Dec. 2.—A Bille improvement, I am gind to say place since my last in the produce from the mine. A box of tak was broken yestorday in some whole ground over the back of the mass the spot where, in May, 1841, some good produce was obtained to the fourtree fathom level, west of Watker's shoft, the old arches now working out, which occasionally give a few "h work for the washing-house, and in the back of the furty-one from the washing-house, and in the back of the furty-one for and of Detie's, gold has been seen, and a "hat-cap" of work he days nowel; the vein is now poor, but not unpromising. In the of the mine no improvement has taken place. The produce from is less this mouth than usual, as the stimps were stopped a wee wheel was undergoing repairs.

Dec. 13.—Every care that past experience could suggest has be following the veins at Curtis's, and my only regret is, that our est not been attended with better success; you may rely on my stead our the conomical working of the mine. The gold returned sorry to say, show that any improvement has taken place in the upold has been obtained from some old workings, near to Walkey' the back of Tippett's level. The produce from the stamps woul better, but for several stoppages, from breakage of inunders as repairs to which will be completed to-day.

Cate Breaker, Dec. 10.—I regret having still to remark on the

Cold report for twenty-five days, to December 12, on its.

BRASILIAN COMPANY.

Cata Brance, Dec. 10.—I regret having still to remark on the poverty the gold report. The water was in the mine in the early part of the weal and since then we have been frecing down the shaft, in order in get lain better position for breaking ground. Next week will bring us partially the line west of shaft, and I limit our expectations as to its giving a best sectors will then be realised.

Gold report for two weeks to 9th December, 25 lbs. 10 oz. 5 dats. 21 gr.—Ditto for the month of November, 65 lbs. 5 oz. 15 dwts. 22 grs.

MINING NOTICES.

EAST CONNWALL MINING ASSOCIATION.—As announced in on numbers, the whole property of this association was put up to public the Anettion Mart, on Wednesday, the 15th inst. It consisted of the of the mines formerly worked by them—Brandize, Halicalle and Br Bounds, the Beacon Hounds, the Walsomes-by Tin Blounds, the Corner B Holywell Bounds, and a sett on Trevarrion Common; also a judgmenter pool. (abtained against Christopher Aberson), and the steam-shaff machinery, all in excellent working order. Mr. Fuller, the anetiones withed the property, and stated the up-set price named by the vends 1000f.; but, with all his eloquence, could not succeed in effecting a sal Taimon Collina—From a Correspondent).—The celebrated quarter seam of coal, four fest thick, was sunk to at this celliery as inst., at the depth of seventy fathoms from the surface. The period is ing such depth is only eight months from the time of breaking ground considering the depth of limestone and sand such through, together or quantity of water to encounter with, the dispatch is unparallelled in the toy of mining pursuits. In addition to the various creetions accessed effectually completing the "winning," no fewer than 150 workmen tages are already built. The "winning" has been conducted under the management of T. C. Gibson, Enq., of Newcastle, the principal owner Mr. A. Seymour, the viewer.

MINE ACCIDENTS.

MINE ACCIDENTS.

Coal Pit Explasion—Verelici of Maneloughfer.—The Victoria coal mit Dak infield abounds with fire-damp, and the proprietors, Messrs. Stair Lees, in order to prevent accidents, have had raise printed, and posted the mea can see them; one of them is to prevent the mea taking a licensile into the wine before working in the occurring. In defiance of the caitor' regulation, a man named. William Morris, on the 17th January went into a part of the mine abunding with light carburetted hydrowhich he placed on a stump, in a current of funi air; on explusions which he placed on a stump, in a current of funi air; on explusions of afterwards took places, and Jonas Smith, a lad thirteen years of age, we dreadfully burnt, that after lingering until Saturday, the 4th inst., dead an end to his sufferieges, and, on the corener's isquest on the Wednesday inwing, a verdiet of "manalaughter" was returned against William Mowho has since absconded.

Rhoeforth.—A young man, named John Watkins, was so much injust Tuesday, the 7th inst., by a fall of earth and stones, while working in apt that he died next day.

Type Moin Coffiery.—On Saturday, the 4th inst., as Robert Kemp about to descend the chaft, his foot pipped, and he fell to the bettom, died instantly.

about to descend the chaft, his foot plipped, and he felf in the died in timelty.

Frider's Gosco Pil.—On the same day, as Robert Kears was assethis pit in a corve, he was, by some means, at present unaccounted down the chaft, and killed.

Pengderon College,...—On the 4th inst., William Howard while one of the levels, a quantity of rubbish fell upon and so asverely it that he expired on the following day.

Black Hop College,...—On the 6th inst., John Thompson, a joine ployed in the Garney Fit, repairing the shaft, one acting on the bits feet upon the enge, which was partly down the shaft, when a Wangh called Instity at the pit's mouth for some instrument he the beshesomen, thinking it was Thompson wanting to come uponjon, and the cage catching Thompson by the legs and head, a against the 'shaft, and threw him to the bottom, from whence he poptin dead.

Theoryth Mine... William Glasson was killed from a kibbie faithrough one of the winger.

Theory Man. — William Glasson was killed from a kibble failing through one of the winger.

Historical Minz. — On the 3d inst., as a man was at work, a chain him, and killed him on the spot.

Delabate Blate Quarry. — On Monday, the 6th inst., as at man was at work, a chain him, and killed him on the spot.

Delabate Blate Quarry. — On Monday, the 6th inst., as at man work on a projecting place of read to the top tender, with a wful she to the bottom; neither of them spots or moved afterwards, and were fully multilated. One was thrown further than the others, toke and were fully multilated. One was thrown further than the others, toke and where a large stone small have failed on bion, as, on dragging for the balls of each off.

Bruncould Works, Dean Forest—A man compleyed in sinking a pit of works was being came off.

Bruncould Works, Dean Forest—A man compleyed in sinking a pit of works was being a new precipitated to the bottom (natury feet) lists a water, the bottom town provided to the bottom (natury feet) lists a water, the bottom town being man and him pened, the man at the which wound up, and when the bucket was falso may, he board the man below sail out to wind quicker, as he made him standing on the bank notices.

Davon and Counwall Relievay ... We have been forcers up of a letter duted February 11, addressed by Corteret J. W. Elit copy of a letter failed February 11, addressed by Co J. M. Tweedy, Eq. (accretary to the railway come complaint, and with much pusties, of the equality present. At the coverity wend we are closing; the inde is eighteen leader with, and worth 60, per fashoon. The stayl inclines is eighteen leader with, and the cover will commend driving overt. The first wend is different to the land of the control of the contro S MOKE NUISANCE—ECONOMY OF FUEL WITHOUT The NUISANCE from SMOKE, by C. W. WILLIAMS'S ARGAND PURNACE.

"The principle of this formers consists in the mode by which the air is instrudented to the gameous mediar serviced from soal, whereby a more perfect combestion of the constituents is efficient, the pressus being conducted on true chemical principles, as explained by Mr. Williams, in his Trustier on the Conduction of Cool. A fernice, examples on the Conduction of Cool. A fernice, trusting the cool of the principles may, by permission, he daily seen in action at the

Water works, Solo-street, and Manchester Railway fitation, Edge-hill, Liverpool. For further information, apply to Direks and Co., agents, 5, Town-hall-buildings.

CAUTION.—SMOKE PREVENTION.—Mr. JOSEPH WILLIAMS.—The public have already lines CAUTIONED, by the ADVERTISEMENT OF DIRCKS and CO. (see the Mining Journal, the diblos and other Liverperol majorn), AGAINST the 14PORTIONS PRACTISED by Mr. JOREPH WILLIAMS, of this fown, who, having no purcet of his own, has, under colour of applying the patent of Mr. Kuriz, been hotroduction MODIFICATIONS and IN-PRINGRAMENTS of the PATENT of Mr. C. WILLIAMS, for the MODE of DETRODUCING ALS to FURN ACES and the PREVENTION of SMOKE.

INTERSPUCING AIR to FURBACKS and the PREFUNITION of MODER of MODER of MODER of MODER.

In his late advertisement (see the Mining Journal, and the Mercury of the sitet Descendent, Mr. Joseph Williams states as follows;—"That he is the setting properties of Kautu's patient; and the fact, that the patient is the crowing consequence which he declares it to be, was acknowledged by Mr. Andrew Kartz Menself on board the Trygond," To this silegation Mr. C. Williams states, on the authority of Mr. Kartz Menself, that that greateness was asked to go so tensed the Trygond, the object being sartfailly, to embryo an importation that Mr. Kartz was then authority of Mr. Kartz Menself, that that greateness was asked to go so tensed the Urgond, the object being sartfailly, to embryo an importation that Mr. Kartz was then, for the first time, informated of what was decreased with what was decreased with what we done for regularly the importance of the paperatus bethird the forenace bethird, and that he (Mr. Kartz) at once close own of the apparatus bethird the forenace bethird, and that he (Mr. Kartz) at once close own of the waste, as not forming any part of his patent; that the plan adopted in the Urgard, as regular to the different or the first hard. We asked the title patent of the fee hard, we also solven for from the form the bard of the control of the feet.

It is keepedy further stated, that the mode of admitting the all adopted by Mr. It is

It is insertly further stated, that the cools of admitting the sir alcepted by lits. J Williams, and by which he attempted to decrive the Admiralty and the positio, on-der princes of its bridge the petent of Mr. Kurta, is no way conformable to thank patient, and that neither Mr. Joseph Williams, nor any one connected with him, has a patent for the same - costs being a direct infringement of Mr. C. W. Williams's plant, E. Liverpool. Jan. 7.

prient. -Liverpool. Jan. 7.

MOKE NUISANCE. -- Mr. JOSEPH WILLIAMS, of 67, 1.

Bedford-street, 'includit, park, near Liverpool, hos the authority of fit Julia Rayrow. Best, the Berestary to the Administry, for anomanicing to the public, that the PATENT APPARATUR (Andrew Kerta's potent) for the COMBUSTION '? MICHE and RAVING of COAL, attached to her Majordy's stemes-packet Uragout. Licon. Received. R. N., combuscade, after being in use for six months on the Factoria is a mount in the earling of couls upon the Ciryand has been should into the Factoria in a mount in the saxing of couls upon the Ciryand has been should into the Factoria in the mount appear. The appearatus is stought in its construction, and is equally adapted for lead and mortion-engines. The parameters have provided accordanced by adequate trial. This if has undergoine upon a large vessed plying in the Channel throughtout the winder mounths, and they, therefore, now feel warranded in leviling the attention to it of all parameters are removed of the nationates of scoole from steading to the description. The photocommunity of the statement of the st

For torus and particulars application may be made to Mr. Joseph Williams, 67, inches street. Textoff-park, near Liver-pool; to Mr. Wilson Francisco, Woodside very, Cheshire, to Mr. John Bewiney, accommodat, Ilruno wick-street, or to Mosers, Schuler, Roberton, and Balenon, evilenters, Liverpool.

"This is to certify that we have had the Fefent Scooks Concerning Appendix of Joseph Williams and Co., 5', Steffined street, Textech park, in operation at the flow cells belonging to Decrease Glids, Eng., for the last three morths, and we consider if he he a very great setting (at least one third) in the conceasingtion of conta, and the subsection from smaller, which was no greatly complained of in the neighbourhoad, is now completely removed.

The appearance, which is upon the principle of het air inf the experiently of which very such air we are satisfied, from ample a periosemi, is simple and acadly constructed as the series, and or one strongly recommended it to any party who has a bottler in set.

THUMAR HALDALLA, Managers.

ACHERY SMETT, Managers.

Standard Palend Saw.mills, Anguel Dr., 1062."

"I indices the above report to be correct.

DUNCAN GIBS."

" I believe the above report to be correct.

SMOKE.—The following remarks on RODDA'S PLAN were made at the meeting of the Londs South Committee, first Jan. 24, 1441.

The Rev. J. A. Remond and, that, if the meeting consile permit him, he would assesses what places to know to be very effectual. He had been for years amored at his readons what places he know to be very effectual. He had been for years amored at his readons of the same acting from the unit of Mesor. Robbins on the same acting from the unit of Mesor. Robbins and the season of the same acting from the onit of the prevent assets at his two great and the same acting from the property of the result of the remove of the same acting from the prevent assets at his two said, in order that, if he same control, he might have good grounds for his remove reached of theses. Robbinson and Ur. The mild of which he was the recover was that of theses. Walker, at History and at it Mr. Rodda was employed, and he has some most that generation in the properties force, and had committed to classify and coordinary the against she had been to up to his (if it finishes) evide a landary path in the first preventing stocks. Mr. Marcan had had bendered to the control of the control of the control of the preventing to the last growt offices. Mr. He accurate said that he had been and he control force when the had title. It has been the first of the case of finishes agreements, which prevented much of the follows. Mr. It is not officed. Mr. He accurate, and the same of the case of finishes agreeding, which prevented much of the follows. Not some as even smaller with very little after.

ENGINES, &c., in Vertables, Lamenshire, and almorture, that he has BEHILLED bone, addressed by II, Briggiste, Londa, attended to incombately

WRIGHT'S PATENT DRAG .- The use of a drag to carriages The side feature of derivating second care the present monachi orbitational from second-histing this soldent has filter better the first and the first of the feature of a bell, so wheth, it second-has be to be accounted, the resolution of the second second second second second filter that the control of the first second se

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Size. — Morning back power drops to week on this Special Power States, Sizes, July 19, 11, 11,05.

Sizes of this plant and Virginians, and back, until each this second being insula this blue back of this second being insula to the this back to the second being insula to the back of Wayter, the first second being insula to the back of Wayter, and the second being insula to the back of Wayter, the second power of Wayter, the second of the second back of the back of the second proper second

CONSER RECTIONS CONSERVED Proposition

BRISTOL AND EXETER RAILWAY.—Notice is hereby given, that the seat HALF YEARLY GENERAL MEETING of the proprietors of this company with the heid, in pursuance of the Act of Parliament, at the White Lion Bloot, in the one of your directory, in the control of those who retire by rotation; and for other affairs. The chair will be taken at one o'clock perchedy.

Passuance Receiver, Chairman, and for other will be taken at one o'clock perchedy.

Passuance Receiver Posses, Eng., 9, Pizroy-square.

Vice-Passuance—George Posses, Eng., 9, Pizroy-square.

WITH TWALY BIRGYOULD BRING SOCIETY, bull-yearly, and not re-opened toxid after the said general moving, on the 2d of March.

By order of the bound of directors.

J. B. BADHAM, Socretary.

Office, 20, Broad-street, Reistof, Feb. 10.

By Office, 20, Broad-street, Reistof, Feb. 10.

LIFE INSURANCE COMPANY.

No. 18, CHATHIAM-PLACE, BLACKPRIARS, LONDON.

Established, January, 1819.

No. 18, CHATHIAM-PLACE, BLACKPRIARS, LONDON.

Established, January, 1819.

Passuance George Posses, Eng., 9, Pizroy-square.

WITH TWALY BIRGY-GEORGE POSSES, Eng., 9, Pizroy-square.

Vice-Passuance Technical And Posses, Eng., 9, Pizroy-square.

WITH TWALY BIRGY-GEORGE POSSES, Eng., 9, Pizroy-square.

WITH TWALY BIRGY

Officer, 50°, Beroad-street, Reistol, Feb. 18.

POLTON AND PRESTON RAILWAY COMPANY.

TEXDERS FOR LOANS ON MORTGAGE.—The directors of this company are prepared, onder powers of their Acts of Parliament, to RECEIVE TEXDERS for the LOAN of MONEY, in seems of not less than a 30°, and for terms of three, fire, serons, or ten years, and to GRANT MORTGAGES of the said undertaking, and of the raics, tolks, or monion orising therefrom, as securities for such loans, hearing interest at the raics of a per cont. per amount. INTEREST WARRANTS, for the whole term for which the ions shall be monio, will be delivered to the incherra shop with the mortgages, and be made payable half-yearly, at the company's bankers in London, or it loidton, as many be preferred. The tenders are to express the souns and the term of years for which the same are proposed to be lent, and to be addressed to the secretary, at the company's offige, Rollow.

By Officer of the beard of directors.

By Officer of the beard of directors.

NEWPORT AND NANTYGLO RAILWAY. CAPITAL #250,000,
in 1600 chares of #30 cach.—Deposit #5 per share.—No call to be reade at leas intervals than three smooths.

PROSPECTUS

H appears, by the accessed report of Measrs. Hodgkinson and Marsh (the engi nears) that the above railway (first proposed to be constructed as a single line, the whole distance of twenty-fear miles and thirty-one chains, at an estimated expense of at 14 (2017) will cost, with a DOUBLE LINE FROM and ALONG the NEWPORT WHARPS TO PONTYPOOL, the sum of #275,500. The estimated revenue is as

the time of total per ton per mile for conveyance and raitway dues, will be of feast.

The pascenger traffic, at very moderate fares.

The coal traffic, no., done for a monor of house and steam coal, carried thictoes miles, on the average at 14d, per ton per mile, including every expense.

(The present coal trade of the town of Newport averages 7e, 50d tons per ancum, and the cost of transition the existing transition ways not cannot be not much less than 2ed, per ton per mile.)

General merchandias, including fond and debting for a large mining population, provender for horars emptyred at the works, back carriage of freeign iron our carriage of mails, fire bricks, &c., at a very moderate embountain. 20,312 10

7,000 0 0 450,281 5 0

I he considered that the cost of working the line, at an average speed of from twelve to fifteen miles an hour for passengers, and from all to eight miles as hour for the from and cost traffic, with an expense for coke sort executing its per ton, will be about one-third of the 16,760 8 4 26,000 0 0 5,520 16 0

#50,281 5 0

The proceedings in Parliament will be conducted by a provinional committee, wh will give their gratuitons personal services for that purpose. Immediately after th Act could have been obtained, a general meeting of the charekolders will be called for the aboution of a committee of management.

A deposit of 45 on each 430 share is required to be forthwith paid into one of the aderesectioned banking-houses or their respective branches:—

Monomonthehiro and
Glamorganehiro.

Monomonthehiro and
Glamorganehiro.

Monomonthehiro and
Glamorganehiro.

Monomonth and Glamorgane Bank.

Menare. Bronage and Horad.

The Wort of England.

Wisconsive & branchen.

The West of England.

Monora Masterman and Co.

Monora Masterman and Co.

The London Josephilos Bank of England.

Monora Masterman and Co.

The London Josephilos Bank of England.

Monora Masterman and Co.

Liverpool .

The Bank of Liverpool.

applications for the remaining shares to be made in the following form:

Applications for the remaining shares to be made in the failurence prime in the failurence of affile each in the Newport and Sandrygio Railway Company, and, in consideration of your or desire, I agree, on receiving notice of the allotment, to pay the deposit of all per store in respect thereof, or of such of them as shall be granted to me, and to can out the Palisamentary Contract and Subserthers' Agreement, who never called on so to do.

Dated this day of 1848.

Residence:

Residence:

To the Provisional
Committee of the Newport and Nactypic Sairway Company,
Newport, Monmonthehire.
By order of the provisional committee,

R. J. BLEWITT, Chairm REPORT OF MESSRS. HODGSINSON AND MARSH, CIVIL ENGINEERS,

AND MARKET OF MARKET MUDICALIBRIUM AND MARKET, CIVIL EXCENSES.
On a projected line of reliway from Nowport to Nastypin, is the constrainty of Meamonth, passing through the town of Foatspond, the Featsowydd, Pastwyn, Abercrotnen, Civityson and Varteg Iron Works, through the Lianbilleth Montacian, the
Com Civity. Blains, Conditioned Valle, and Nastypin Iron Works:

The plan prepared by Mr. Morris, energy is shown the line of proposed reliway,
which will pass thought a district of constry admirably adapted for the endertaking,
affording every facility for the construction of the read, absending with excellent
second for building and lines, sad where rails, blasher, and other materials, may be
obtained at little expresses of currings; posteroing, alm, a consistent mapply of water,
or becommittee and other purposes.

per becommotive and other parameter exercises; possessing, alon, a constant supply of walve, The length of the loss, with its heaveners, will be twenty force miles and flatty-one chains. The main line consessions at a point near Just's Fill, between the New thisp Dock and the firery Unit, Newyork, at an invasion of severation described. Need thisp book and the firery Unit, Newyork, at an invasion of severation described processing against a steel, and processes against a letter the the Cardill read; thence, by a place of fire yards, of an invalidation of the state of the intermeded parameters of the state of the intermeded parameters of the state of the intermeded parameters and Figures to United States of the state of the intermeded of some in 167, from thereous to Graves planes, a chiefsance of six miles, at a granificated of one in 167, from thereous to Graves Meadelow, across the incided planes from Complete, to Complete, but were to discuss the state of the incided planes from Complete, the forces Canadi may be easily addition, with a great granificat, should thus consult be recovered forth a religiously distinct of the property of the process of the pr

If this humans two costs and serves obtains.

The main time passes up Cores Nant Dibb, by several coal and mise works, through to Linaholothi messaciate post in the line produces of a superior quality of energy, a transact, 2 (i) such in length, and will pros through a rois of coal for a massivable delication (with the decision of the associate delication (with well greatly facilities the decisions of the associate passes, to the heavy-track Varior, passeing various construction tracks of the exempt, to the heavy-track Varior, passeing various constructions with the facilities of the exempt younged than the product works to that varior, to the location of the exempt younged than the product works to that varior, to the location of Cores Culyes, and thinks, with a short branch lidit varior to the operation of the Cores Culyes, and this continue, with a short branch lidit varior to the greatests of the Cores Culyes, and this continue, with a short branch lidit varior to the greatests of the Cores Culyes, and the same of the same tracks and the considerating at the Naschight provides and the considerating at the Naschight provides and the consideration of english action and traces of the continue of eight action and traces of the continue of the same in Line.

The tribal length of the seaso i Neutrolis, is twenty once arrive than the present lines of mores

The course on the make line are in an involver of bree redices than a quarter of a sain, and only is five places has so read a color bree introduced.

The two lectime places may be self acting—the descreeding heat bringing up the according has the examine of engines in included in the estimate, to work in example of soin. The rate of two values quantities the state may, with great mirror, be their maintenance for the value of the color of the rate of the color of the rate of the color of the rate of the color of the col

The main line of railway will be deaths from Newcort to Posterpent, with a deaths line to execute sizes with the obsects, from Jack v FUI to Newcort Setting ; and the researching parties with line south to a ningle line of war. The total and of the main line of war. The total and

Construction of natural and branches, including distinct, incline outside, Sci., Sci #27.50 1 4 22.54 4 8

accessed the suppliers, and other struck, cognited for working the fine #127./48 a b Tribal cost ....

rs and agents.

N.B.—Agents are wanted in towns where none have be

At a General Meeting of the mombers of this society, holden the 18th of January last, and a house, by way of additions to the summer, the society on which the society on which two presented, under up to the 31st of December, 1841, and a house, by way of addition to the sum assured, was declared on all policies as the society on which two premiums had been paid.

The bosons, on an average, amounts to did not cond. on the premiums actually paid.—The following is a specimen of the additions actually made to the sine policies first granted by the society:—

1834. Policy. No.	Sum. Assured	Pres	mia	ms.	Admis- sion Age.	Addi	tion	16.	foli	ddition is wing the ame ema pai	rate	s per	cent.
1	£1000	£74			99	#145	19			#10			(11)
9	2000	71	3.8	4	49	265	10		1	49			
3	2000	98	13	4	50	416	16		1	43	19		
4	2000	49	11		47	398			1	4.5	16		
	1566	79		3	53	319	4			43	16		
6	500		12		21	65	18			66	10		
2	1000	49			46	193	4		1	46	10		
	2000	234			62	478	10			49	4		
10	1500	48	1		95	241			1.0	84			

By order of the board,

PETER HARDY, Actuary.

By order of the heard,

PRITER HARDY, Actuary.

BRITANNIA LIFE ASSURANCE COMPANY,

1, PRINCES-STREET, BANK. LONDON.

This institution is empowered by special Act of Parliament (4 Viet., cap.ix.), and
is so coostituted as to affird the benefits of life assurance, in their fulfant extent,
in policy-holders, and to present greater facilities and accommodation than are
assually offecus by other companies. The decided superiority of its piane, and fisciaim to public preference and support, have been proved incontestibly, by its extraordinary and supercedented success.

Assurances may either be effected by parties on their own lives, or by parties
interested therein on the lives of others.

The effect of an assurance on a person's own life, is to create, at once, a property
in reversion, which can by no other means be realised. Take, for instance, the case
of a person at the age of thirty, who, by the payment of \$\delta \text{is}, \text{d. in the Britannia
Life Assurance Company, can become at once prosessed of a bequeathable property
amounting to \$\delta \text{cond}\$ in every indicated only in his expenditure. Thus, by the exment quarterly during the remainder of his life—a condition which may be fulfilled
by the more saving of eight shillings weakly in his expenditure. Thus, by the exertices of a very slight degree of economy—rach, indeed, as can secretly be relt as
an inconvenience, he may at once realise a capital of \$\delta \text{(or dispose of, in any way he may think proper.

Detailed prospectuses, and every requisite information as to the mode of effecting
assurances, may be obtained at the office.

REFER MORRISON, Resident Director.

A board of directors attend daily, at two o'clock, for the despeach of business.

DISEASED AND HEALTHY LIVES ASSURED.

MEDICAL, INVALID, AND GENERAL LIPE OFFICE,
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E particular disease.

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MEALTHY LIVES are assured at Lower Rates than at most other offices.

F. G. P. NEILSON. Actuary.

This day is published, with maps, plane, and diagrams, evo., price Lis.

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And Surveyor, Associate of the Institution of Civil Engineers.

London John Ottivier, 59, Pall-mall.

Just poblished, Part I.,

COMBUSTION of COAL, CHEMICALLY & PRACTICALLY
CONSIDERED. With coloured plates.
By CHABLES WYE WILLIAMS, Esq.
London: Simphin, Marshall, & Co., and J. Weale; Birmingham: Wrightson & Webb.

THE HYDRAULIC RAILWAY; being a carefully digested, but plain, statement of the advantages to be derived, and the impedimenta removed, in establishing hydraulic proposition on railways, with a wide frontispiace of the hydraulic railway in operation, and a large drawing of its machinery.

By J. G., BHUT'LEWORTH, the Patentee.

Sold by J. Weale, High Holborn, London; J. and J. Thomson, and Simms and Denham, Manchester; Wrightage and Webb, Birmingham; and by all booksellers.

A COMPENDIUM OF BRITISH MINING, with STATIS.

TICAL NOTICES of the PRINCIPAL MINER IN CORNWALL, with the HISTORY and URER of METALS, and a GLOSSARY of the TERMS and URAGES of MINING.

A few copies of this work (printed for private circulation) may be had, price is, of Mr. John Wesle, publisher, 30, High Holborn, or of Mr. Walson, 50, Thread-needle-street, London.

# NOTICES TO CORRESPONDENTS.

The Micrico Journal is regularly published about Two orders on Subarday after-own, at the office, No. 28, FLEET-STREET, where if you always be obtained, and there is no counce for irrequirerity in its empty, in toom, other than neglical as the part of the agent through whom it is ordered; but, as respects its treasmis-sion to country enlacethers, the blame is shared with the Past-office methorities.

More extensive premises than those lately occupied being found necessary, the exhibitionment of the Mining Journal is REMOVED TO 24, FLEET-STREET (opposite St. Danstan's Church).

We cannot devote space at present for " S. Y.'s " communication on the Manage-ment and Prospects of Continental Hailways.

J. M." [Hull! will receive a reply by post.

"J. M." (Buill will receive a reply by post.

Hypaavan Ratic av. — The article on this subject, published in last week's Journal, contained on server, which we have been requested to correct. In the foorth, nargraph, line \$12, for " placing under the water," read " placing the water under," Re. We have compiled with the requested of our correspondent, had we think the error would be evident to all who are interested in the question, as a type-grapheni one, and of common ourservence in no wappage printing.

Brow are Coan, Brant Room. — C. R." (Shoffled will, devokabless, have received a commonication explanatory of the withdrawal of his communication; if sot, we alread that it additions a particle exist, in some way or other, in connection with the Post office sufficient exist, in some way or other, in connection with the Post office sufficient exist, in some way or other, in connection with the Post office sufficient exist, in some way or other, in connection with the place of the place of a renearly answer almost longetion. Really some measures should be adopted on the part of Government, to preciouse the place place at the Post office, and through their agents.

Yavas Gostoware, "A Combon does" (Newsysthe on Tree) can accretain what he requirem, in reference to this "transvention of Resources of Resources Manages which were condaine, together with what has aspectivelies of Resources Manages which were condained in the the second of the second of Resources.

parameters or no percentaged that properties.

An a real B. a. to "Divinion and Man a continuous E. E." (Dubble) is informed that the able notion of papers appear originally and enrincively in the Minning Jewsman, and was not aware of the probability of their problemsion in a separate firm; for fourther same every to buy questions, address the author, Mr. S. B. Boyers, Nastygia, Minnesonshisaors, who will readily righty.

Ministration with will reactify raphy.

"A Workman " regrets its a commonwination, for which we consist find space that he cannot chings like. Departs with "his backdrives and cause," for begs to assault bins that his constitutions are "dischind proteins." We readily give our quisions, thus, the observe confidence can be placed in all that constants from "A Workman," in whose constantinations on whatever conspect they may from the large read with placement, as being the productions of a practical main, who has, on more than one convenient charging the productions of a practical main who has, on more than one convenient conjugates a production of a practical main who has, on more than one convenient the planguages a production of a practical main who has, on more than one convenient conjugates a product a work plant of the plants of the discount office, as desired.

The convenients of the forecomment Currently Flan is inadminished; it is held in our office, as desired.

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subject, where treatment substituted attentions, and will oppose the confidence of the confidence of the substitute of t

A diagnostation in the 'mounted Smadline' of control apply to the secretary (%), G. Throcal, at the office of the secretarion, that Second etcod, who will, probable, through the interestation requesting the constitutions of the establishment of Gragot Roce. We are not in presenting of facility participates there what but of course passed in the office and the office of facilities participated the decrease, which we think all that one by of interest—or, denses, as course;—der the observations.

# THE MINING JOURNAL, Bailway and Commercial Gajette.

LONDON, FEBRUARY 18, 1843.

artics desirons of ordering the Mining Journal, can do so, either direct to the office, or through any sewaveness or bookseller in town or country. Notices of irregularity in its delivery are requested to be forwarded to the own where every attention will be made to rectify the cause of complaint.

It will be seen, by the judgment pronounced by the Court of Queen's Bench in the case "Smith r. Goldsworthy," that the stion so long pending between "the united shareholders" in the British Iron Company and the directors, has, at length, been decided. Having given, in another column, the decision of the learned Judges of the Court of Queen's Bench, a very few words will suffice, in directing attention to the question raised, the mportance of which will be well understood by those who allow that common sense is the basis on which the law is formed; although we find that the colour given to a question by counsel, in too many instances, has an effect on the minds of the jury. Lord DENMAN, in pronouncing judgment, unhesitatingly states, that the shareholders are liable to the payment of all calls made by the directors, to the extent of 100/. per share, being the original amount of capital proposed to be raised under the terms and conditions of the prospectus of the company; inasmuch that, in his opinion, such could not be altered by any resolution arrived at by the proprietors at any gene ral, or special general, meeting; such alteration, affecting, as it did, the basis on which the company was formed.

His lordship further added, with the view to remove any doubt which might exist on the subject, that, even assuming his dictum to be in error, yet it was perfectly clear the body of proprietors who at a special general meeting (confirmed by a subsequent one), might determine on reducing the capital of the company one-half, or the shares from 1001, to 501, could, with the same powers, and by the same rules, or laws, which governed them on that occasion, so afterwards change and alternate the position of the company, and the liability of the shareholders, by restoring the capital to its original amount—the same regulations being observed in the re-storation as in the reduction which had been effected, and thus again restoring it to its pristine state.

We regret that we are unable, in our present Number, to give insertion to the report of the directors of the Irish Waste Land Improvement Company, for we believe it is well known we take more than ordinary interest in the prosecution of works having for their object the advancement of the interests of the Sister Isle, whether we regard mining, banking, railway, agricultural, or other pursuits-satisfied, as we are, that, in advancing the prosperity of Ireland, we increase our own. The proceedings of the meeting, however, will be found in another column, and we would, withou political or party bias, direct especial attention thereto, for it teacher a lesson to those who are too honestly disposed themselves to believe there is dishonesty in others. It tells a tale which cannot but raise a feeling of indignation in the mind of every Irishman, while it must disgust those who, in England, have so largely contributed in years past gone, to the reverses which attended the agricultural provinces of Ireland, and which, indeed, may be said to comprehend seven-eighths of that country, when we consider how limited are its manufactures, or other modes of finding employment for its

The Irish Waste Land Improvement Company was formed with the object of applying English capital to improvements in Ireland, whereby the capitalist might derive an interest, from the employment of his capital, and, with its dearth in the Sister Isle, afford to the distressed peasantry the means of subsistence, while it gave to the landlord the means of paying his mortgage, rent, and residing in London, Paris, or Rome; such were the objects of the society, or company, and highly praiseworthy were they, while high honour and credit is due to the Right Hon, the Earl of Davon, for the interest he has ever manifested in its successful issue.

What, then, is the position in which this company is now placed? We will briefly state the points, and leave it to the Irish press to follow up those observations we may make-but which the insertion of other matter, of immediate interest, precludes us from extending-as also to offer an apology, if such seems meet to them for the disgraceful, if not dishonest, conduct of Ireland's liberator, DANIEL O'CONNELL, M.P., who extracts, or exacts, some 12,000! to 15,000/. a year for his support. Will it, we would ask, be believed for a moment, except the evidence was at hand, and conclusive, that DANIEL O'CONNELL, a director of the Irish Waste Land Improvement Company, is a defaulter of some 401, or 501, which he declines to pay. Why, surely, he might allow so small a modi-cum of the "rent"—got from those whose interest and means the object of the institution is to promote—to be paid, and preserve his position, so far as consistency is concerned; but no, he will not pay the amount he is legally bound to do, and the directors, we this with a proper feeling, so far as dignity of position is characterised, cast him aside, eject him from the board of directors, and declare him a defaulter-not only to the funds of the company, but the interests of his country-rather than institute an action against a retired Irish barrister.

Thus much for DANIEL O'CONNELL, "the liberatur of all Ireland." Proceed we further, and we find that Mr. Frensmon, once, if not now, a member of the Imperial Parliament, and, if we mistake not, son-in-law of DANIEL O'CONNELL, is also a defaulter-so much, then, for Irish protection, and support of Irish interests. Next come we to Mr. Alderman FARNCOMBE, of the metropolis of Great Heitsin. This gentleman either went into the speculation as a friend to Ireland, or as a money-getter-we care not which for our argument; for, if the former, the greater the difficulties to over-THE EARTH'S ORDER.—Professor Chevaller, of the Darham University comes, the more neal should we have expected be would display; if the latter, and foiled in his expectations, then, at least, he should have pand his proportion, ere he withdraw his support; but poor lreinted appears to be a fair subject for London Aldermen—na witnessly of the interest of the species of the relief that the success of the reposter to that of the support is in the latter as well known to take place on-leastly in the latter as well known to take place on-leastly in the interest of the place of the reposter to that of the scape periodual, and are confined within the capacity and that is any periodual, and are confined within the compaction of the long period required for the completion of the whole system of the last we have another honourable (?) mannher, Mr. W. Orieszy Gonz. This gratification is also a definitive—cruly, a friend to Ire.

land, but one who should be rejected by all climes. And then, ain, we find THOMAS LAMIE MURRAY, Esq., co National Loan Fund, the National Bank of Ireland, com multis aliie-speculations to others, but sure profit to himself; he also figures in the list of defaulters. If we remember aright, he had something to do with DANIEL O'CONNELL in the formation of the Irish Joint-Stock Bank; and, for his services, although removed from the direction (we are hardly sure about the latter), receives some few hundreds per annum for his arduous duties in forming a jointstock bank for Ireland. Now, we know he did something for England, in establishing the National Loan Fund, by which he secured himself a birth for some twenty-five years, at a salary, if we mistake not, of 600l. to 800l. a-year, with a charge upon all the shares issued, amounting to some 10,000%, or 20,000%; and yet this man declines paying his quota upon the calls made on his shares. It will, doubtless, be remembered that we had occasion to "show him up" on a former occasion, with reference to this company. It is, we once again repeat, the shameless conduct of such men that reflects discredit on joint-stock companies, where principle is sacrificed to self-interest. We may, anon, refer to these worthies; but cannot allow the present opportunity to escape us, without expressing the feeling we entertain of the unprincipled motives which actuate and influence the several parties whose names we have nentioned in the preceding remarks.

## IMPROVEMENT IN WORKING THE STEAM ENGINE.

A discovery, or rather a revival and application of a discovery, of the celebrated James Watt, patented upwards of sixty years ago, in reference to the "expansive action of steam," is announced, which is likely to prove of the greatest importance, not only to the Royal, but to the merchant steam navyof oustry. The attention of Mr. Hosenson, whilst serving as licotenant on her Majesty's ship Cambridge, was directed to the best means of avertng the repeated failures of steam-vessels, of however large power, to reaching their destination, when, in the course of his inquiries, he stumbled upon a eatent taken out by James Watt, sixty-two years ago, for applying the ex-casive power of stram to land engines, and found that "one quarter of a given quantity of steam worked expansively is more than equal to one-half station to steam-ships, and Mr. Hoseason has followed out the discovery with this object, and finds that half the steam of an engine worked the employment of the whole power the engine can generate. His plan is, therefore, to increase considerably the horse power of the engines, and then work them at half, and sometimes at quarter, stroke; when he proves to demonstration that if the ship has been accustomed to go eleven siles an hour on fall steam, he can reduce the consumption of feel one-half, and yet maintain a velocity of ten miles so hour; in fact, that a quarter the quantity of steam allowed to expand itself in the cylinder, will maintain a vecity within two-ninths as great as when the whole steam is employed Upon this principle, the Grouf Western, which carries goal for 4000 miles, at a mean velocity of nine miles an hour, would reach Calcutta with a single ling, if the steam from the cylinder were cut off at quarter stroke, leaving the piston to be driven the remainder of the stroke by the expansive action of the steam; for as the quantity of steam generated, is in direct proportion to med, the steam which is prevented from entering the cylinder, will be represented by an equal quantity of fuel.

JOINT-STOCK BANKS .-- The following is a list of the various meetings held during the past few days, with the amount of dividend declared by each:
—Burton, Uttoreter, and Staffordshire Union, dividend 10 per cent., and speards of 1000f, to the reserve fund; Stourbridge and Kidderminster, 7s. 6d. per share, being 10 per cent. | Dovon and Cornwall Banking Company, 6 per cent.; Newcastle Joint-Stock, 6 per cent.; Dudiey and mwich, 10 per cent., with 4000l. to reserve fund ; Bilaton District Bank, 7 per cent.; Wolverhampton and Staffordshire Banking Company, 10 per wat. ; Lelcostershire Banking Company, 12 per cent., with a guarante of 32,829l.; York Union Bank, 10 per cent., with a guarantee fund of 16,9221.; Yorkshire District Banking Company, 3s. 94. on the old shares and Sa. 3d. on the new; Leeds Banking Company, 6 per cent.; Burnsley Banking Company, a per cent., and 6001, added to the reserve fund ; and the Leeds Commercial Banking Company, 6 per cont. for the half-year, with a most satisfactory report.

THE GAS-METER QUESTION .- This discussion has now assumed so personal a nature, that we are compelled to decline inserting any more articles on the subject, unless confined to more facts, and duly authenticated by respoughtle parties; for, where personalities are indulged in, and oncouraged much valuable space must be devoted to a useless purpose, and the necessary exclusion of matter of interest and brackt to our subscribers. It has always bera our wish to offer a fair field to all parties, and to encourage the publiation of scientific or useful papers, but, at the came time, as far as possible to prevent all discussions of a personal and irregular tradeury.

In pervent all discussions of a personal and irregular tradesory.

New poet and Nantygeo Bareway.—As the period approaches, when the perliminaries for this undertaking must be catered into, and as the pere pects brightes, of an effectual earrying out the plan, the enomies of the rail way system, and those of this local one is particular, are throwing out leaf-mations, is all directions, against the possibility of its over parity the pean prictions, even if completed; a correspondent in the Mountainty of the waters of the cased), attributes interested white account very much of the waters of the cased), attributes interested suffice to the continuous mera and irremanders in the virinity, as well as the projectors. In what he calls a focusionable siew of the matter, he retimates the cost at 460,000d, instead of 200,000d, the sum originally calculated (and which is a expected will envery expense), and at only a per cast, interest on capital, and taking the working cost at 500, per week, he makes out a loss to the proprietors of 2000, are smoot, per annum. There interested adds-blows, will, however, do but little here, the necessity of the railway, in most the extending commerce of the district, and the harbour of Newport, to evident, and everything in progressing in the most farenceable manner for corrying out the work. Mr. Projess, of Newport, has published a nery each throughput of the work. Mr. Projess, of Newport, has published a nery each through which if passes, and by which manne of a neryanglation, showing their produce and collective through which if passes, and by which manne of a neryanglation, and and published a nery each through which if passes, and by which manne of an expression of Mounteethies also as should published a nery each time of the collective of Mounteethies the each of mounteethies and and collective through which if passes, and by which manne of an expression of Mounteethies also as should published a nery each of the relief to the Nowgoutt Davies is the native of collective through wh also shout publishing a map of the whole works and collistive of Monmouth-shire and Glemorganzhire, showing their precent means of conveyance to the purts of Newport and Capdiff, by causi, transcend, for, dec.

ON THE BETTER VENTILATION OF MINES.
TO THE SETTER VENTILATION OF MINES.
TO THE SETTER VENTILATION OF MINES.
SIR.—The subject of ventilation, as brought forward in you of 28th of January, has induced me to take up my per on this There are many topics brought forward in that paper to be admany more must be discarded. Ist. We object to the equality of pelling and inducing aystems in ventilation, for they have never proved equal. "The exhausting system has always been found; to the forcing system," says Mr. Buddle; the remon of this since by the one there are two motive powers, while in the other is employed. 2d. It is asserted in that paper, that all the abrupt do not check the air; this is, certainly, contrary to the philipson case, since we know that any fluid, or gas, will run more quichly a straight than a crooked course. 3d. It is assumed in that y the plan is quite novel, of passing the air through heated surfacial ventilation; this, also, is wrong, since the hot cylinder is vention, and, let me say, much better calculated to facilitate the than the heating apparatus of formores. Neither the one or a however, is altogether safe, since Sir H. Davy and others has that at a whife beat inflammable gases will ignite. 4th. In the e of quantities, the author has forget the dilatability of the card gas, or he should not have allowed 10° of influence to be lost in that gas, for it is the most expansible of any other gas, and, con the most easily drawn off—at least, in contact with heating surfacincrease the draught decrease, Please, Sir, appear these remarks the air, all draught decrease.

MINE SETTS.—OUTLINE OF A BILL.
TO THE EDITOR OF THE MINING JOURNA
Sir.—Having endeavoured to show that an Act of Paris
sary to give full access to the metals, Ac., of this country
to my several letters on the subject, which appeared som
your columns; at the same time returning my thanks to your commans; at the same time returning my uses the courtesy with which my suggestions were received state of your columns has prevented my sending an attute, which I now farnish, by way of a visible or result of the past, so far as my letters on setta are of

AN ACT cover the Judges of Her Majesty's Courts of Queen's Book, See, to make orders for the granting of Mine Setts, and,

Press, &c., to make orders for the granting of Mine Setts, a to grant the same. Whereas, there exist in the United Kingdom of Great Brite core lodes, atreams, veins, and both of orce, metals, and

Of course a vast number of clauses, and several amore required, to include the Duchy. Ac. The principle mainta-the series of letters on this subject is, that no one has a ri-a lucic of metal. Having now given a general idea of my trust, proved the practicability of the principle for which I I leave the matter in abier hands.

Alexand T.

EAST INDIA IRON AND STEEL

EAST INDIA IRON AND STEEL.

TO THE SECON OF THE MINING JOURNAL.

Str.—Although not exactly consecuted with the fron trade, I emplittle interest, the many valuable communications which are modititle interest, the many valuable communications which are modititle interest, the many valuable communications which are modited in your valuable Journal. The relative strength of from hot or cold-blant, by anthracite, or by common coal, has been founded, and, must probably, to the extifaction of all parties; all, the extensive near of the material is machinery is the only to which the public is enabled to extinute the value of each partie of from. It appears to me, that as much depends upon the penthods of associate, has meaterial—base periority of the Demancus biades over anything produced in this and, again, the oxide of from of folds yields a steel equal, it is as Swedish, but wanting the ductility of that which is principally or quincity. I am informed that large quantities of this steel, such a Madros Indian Iron and Chrome Company," have recently ported, and used up at Birminghem, Lords, and other monufacture tricts, and am, therefore, comowhat supprised that not the least a been taken of it by any of your correspondents, or by powered, however, that iron is exemplingly abundant over Hindustan—that if of working it is comparatively tribug—that in the previous of from all points. Perhaps, came of your necessary replaces one from all points.

London, Fed. 17.

ELECTRO MAGNETIC SAW-MILLS.

To you notice of the minimo journal. and about publishing a way of the whole works not collected of Monamouth, allowing the property of Newyort and Chemographics, showing their present means of contrayment to the purts of Newyort and Capill, by canal, transcood, fee, fee, Caturallities of site property and Capill, by canal, transcood, fee, fee, Caturallities Still and fee of Newyort and Capill, by canal, transcood, fee, fee, Caturallities Still and fee of Newyort and Capill, by contrast to the purise of purise supports to a pull-to-describe supports the series of the most benefit and the series of an anomal as it is liquid; to the support of the supports of the supports the series of the supports of the support of the suppo

MR. GURNEY'S PLAN OF VENTILATION BY STEAM.

TO THE EDITOR OF THE MINING JOURNAL.

A.—Having noticed, with much satisfaction, in the late numbers of diving Journal, your elaborate nation of the Happer of the South like Committee on the Course and Prevention of Accidents in Coal in, and in which, under the head "Ventilation." I perceive they remend Mr. Goldsworthy Gurney's high-pressure steam plan, I send you scription thereof, which I shall be happy to see inserted in your coals, should you not leave a better one to avail yourself of.

G. Gurney proposes that a pipe, from a boiler at the surface, should arried about thirty feet down the shaft; from the end of this pipe one core branches project hecizontally, in which are inserted small jeta—Gurney recommends twenty-four, as sufficient. Steam, at high-press, being admitted to this pipe, regulated by means of a stop-cock, is ted from the jets with great force, and, causing a rapid sarifaction of sic in the upper part of the shaft, the heavier stresphere reades update in the place, and thus a rapid current is made to course sugh the workings. The committee suggested that fixing the steam in the shafts used for winding would be impossible, as the large civiler brakets, three feet in diameter each, or iron tobs, of nearly the marray, were continually passing up and down; and that it would be so fa accordance with usual habits, and create less perjudice, by having means placed in the farmace-drift, devoted entirely to ventilation. Mr. step replied that the jets should be so placed as to leave an opening for a toba; but with a valve or door in certain places in the workings, the sum ventilation would have an equally good effort in the farmace-drift, the committee have resonancemented if secondingly.

An Old Coal Mines.

All NEED JOURNAL.

An Old Coal Mines.

MR. SIMS'S IMPROVEMENT IN STRAM ENGINES.
TO THE SOUTOR OF THE STRING JOURNAL.

A.—In your valuable paper of the 28th ultimo, I perseived a most can diagram, with description of an improvement on the steam-en-by Mr. James Sims, of Redruth, Cornwall. As I cannot make out at manner the saving of fuel is obtained, perhaps that gentleman, or one of your intelligent correspondents, will be so good, in an early ler, to point this cost. It appears to me that the expansive principle on intended, is more objectionable than otherwise; upon this point old feel great pleasure, however, on being corrected.

Adden, Frd. 9.

e cannot doubt but that Mr. Sims will affired the desired explanation, and we sundered such to have been rencired by Mr. Sims' istiar, ed, p. 30, and the monthly reports of working of engines, which appear columns. We have requested "An Engineer" to compute the advantant hope to give the event of his inquiries in an early Number. There is believe, he no questions but that a great advantage is gained, inables to incoheronal carety fully an increase of 50 per cent. power he old construction.

ON THE FORMATION OF MINERAL DEPOSITS.

ON THE FORMATION OF MINERAL DEPOSITS,

TO THE FORMATION OF MINERAL DEPOSITS,

TO THE SOUTH OF THE MINING JOURNAL.

DER.—Your correspondents, "J. T." and Mr. Deskin, need not knock

sir heads together upon the subject of heaves and dislocations, for, whatme proofs "J. T." may bring forward in support of his theory of dislochange and no one questions his versative in this respect—his own facts

name negative the facts brought forward by Mr. Deskin and other prac
definess. We have numerous proofs on record of subjectances of a minera. We have numerous proofs on record of subjectances of the server from being affirmative of such being the law of dislocation,

an experienced and practical miner, I do think Mr. Deskin is right in

proofs he has given—both are wrong when they attempt to generalize
their own particular facts. If "J. T." has that extendite experience

the betakes credit for, he must know that there exists striking devia
tion, even is admitted dislocations, both in direction and force, of which

sophe have repeatedly been given in the columns of your Journal; for,

there are several casses which occasion dislocations, apart from any

response that the dislocations vary almost of infinitesm in their di
dism. Many of the main faulta are occasioned by the failing away of one

them of the strain from the other—some are produced by the intra
are matters in solution, perculating from the surface—others are the

after of earthquakes, of which upwards of thirty are on record, as has

taken place in England within the occupant of 300 years. The lotter

Mr. Deskin, in last week's Journal, will afford matter for consideration

has abject under untiles. An Obsesves. Pales, Fed. 8.

ON THE ORIGIN OF MINERAL DEPOSITS.

ON THE ORIGIN OF MINERAL DEPOSITS.

For the Rotton of Fran Mineral Steinals.

The discussions on mineral deposits, which have accepted the se of your late Journals, have, no doubt, been interesting, if not set to considerable part of your readers; and, where assertions are made, heren out by sufficient evidence, would, probably, have mean made, heren out by sufficient oridinate, would, probably, have adency to establish the opinions of some. I see out of your condenses to establish the opinions of some. I see out of your condenses is challenged by Mr. Deakin to preve what he said all otions have well, that the earth is new preparational, that mineral series, and, according to such therefore, count have been as for east 1 so, for counts we know, the courts at this time slight be twee mass; so, for counts we know, the courts at this time slight be twee mass; so, for counts we know, the courts at this time slight be twee mass; so, for counts we know, the courts at this time slight be twee mass; so, for counts we know the property of the counts of the stable of the said and assembling men can bring their break (upon any while tempt genelogy) within the group if the most common auding, but, on that, both reason and common agreement and and ship, to that, both reason and common agreement as a man dash, well known to myself, one of the oblest new of work in acquality, the management of which has decreased from father to samply a century, and in their perspension are minginal sertions from how to the howest had of cool, and though, at certain distances, the a time of stream man and stream, or broke, in the father of the old section, have then found a perfect refreshment from the total section, have the found though, at certain distances, the a time of the old section, have then found a perfect refreshment from the stream of the law of sections of an interestion of the old sections, found to know man one of the neture of the law specientes of a different nature, but think their proporties he exception of the old section

ON THE FORMATION OF MINERAL VEINS. TO THE PRINCE OF THE PRINCE OF THE MINERAL VEINS. TO THE PRINCE OF THE MINERAL VEINS. TO THE PRINCE OF THE MINERAL PRICE IS YOUR TENDY OF THE MINERAL O and qualities of these reachs, which very often differ from such other as which you can't draw on the reach other as which you can't draw of the operation are in an approximation. We would as their corresponding as a part of the work, as the proced came from the press, was revised and corrected by the princety seams of the operation seems in the case of the pressure of the work, as the proced came from the press, was revised and corrected by the princety seams the first that the shift in the first first the distinct and court accurate demands of this or any other country.

In Nationa's case, Sir J. Campbell, for the defendant, observed—"This is not a made the related a pressure as with his analytical reasonaments of the court accurate the foresten, the same of the court accurate the court accurate the foresten, and for an advanced to their there were not acknown to the court accurate the foresten, that is an advanced or their clear or the court accurate the court accurate the foresten, that is the first forest the court accurate the court accurate the foresten, the court of their clear or the court accurate the court accurate the foresten, that is the court of their clear or the court of the cou

those now forming in adhesive clay. "D'A ek Numbers of your Journal, will find that tered into.

Cornwall, Feb. 9.

ON THE ORIGIN OF MINERAL VEINS.

Crewell, Feb. 9.

ON THE ORIGIN OF MINERAL VEINS.

TO THE REFTOR OF THE MINING FOURAL.

Sig.—It is assusing, and not a little instructive, to observe the variety of opinion expressed by your correx; ondeads on that very important subject, the origin of mineral deposits; and in the contention between science and practical acquirement, the former is evidently the gainer, by every fact elicited from the latter; and it can well afford the patience necessary to wook through the modify waters by which such facts are surrounded. Atill, I do think, your clever practical men ought to confine themselves more immediately to facts coming duly and hourly under their observation; more particularly so, under the present pressure on the columns of your Journal, by original correspondence. Your correspondent, "A Workman," gets quite unwanageable, when asked to diversify the scene, by exhibiting both sides of the picture, and in this he is truly unreasenable, for, if he is a practical man, he must know that no two mineral bads are alike, and that dislocations and other phenomena are equally variable; and, in despite of his diagrams, we have still a just right to doubt their having plane, other than in the mind of an anonymous writer. Mr. Deakin, a practical man, opines there are not. Again, Meszrs. Drakin and Thompson take up the theoretical part on theological grounds. The word "ersate" had, perhaps, better have been left out; but its usage is justifiable and proper, for the presence of the Sun crustes best, and thereby causes a substance or being to caint; thus fishes and fouls, as heretofere, are created out of the waters, and animals and vegetables out of the earth. This word was variously used by the Jews, and we are, therefore, fully justified in preferring it, in many instances, to the word foils, as heretofere, are created out of the waters, and animals and vegetables out of the earth. This word was variously used by the Jews, and we are, therefore, fully justified in preferring it, in cash practical miner, should, by th

ARTESIAN WELLS-BRIGHTON.

ARTESIAN WELLS—BRIGHTON.

TO THE EDITOR OF THE MINING JOURNAL.

Sin,—It is to be hoped the eltempt to sink an Artesian well at Brighton will, altimately, succeed, notwithsianding the numerous apparently insuperable difficulties that are continually presenting themselves; I believe it to be the first attempt to make an artificial jet of the nort; but (in opposition to a statement in a late Journal) Maitebran states that they often rise naturally from the bottom of the sea, and in so great abundance that the saltness of the currounding ocean is materially lessened by them. In the Gulf of Spezzia, in the ducky of Genos, for instance, there is a powerful jet of this description rising in a liquid column. Again, on the south coast of Cube, south-west of liberabano (seconding to another account, in the Bay of Xagua, about thirty miles east of the Jardinitice), two or three neath force that beast a cannot approach thous without hazard. In a recent description of Bahrein Island, otherwise Aval, situated in the Persian Golf, in a stated that the only water with which the inhabitants of the port can be supplied, as well as all that is used on the adjoining Island of Arad, is brought up from the bottom of the sea at the depth of eighteen feet, where there is a spring of good fresh water. It is procured in skins with the top of a jar fitted to the mouth; through this critice the fresh water rushes into the skin, but, as may be supposed from the method of obtaining it, the water is rather brackish and expensive. With regard to Arad, another account asserts that not even truitition has retained the memory of a apring of fresh water in its environs, which the anotent inhabitants are related to have discovered at the buttom of the sea, and from which they drew water in time of war by a leaden bell and leathern pipe fitted to it.

Lawes, Feb. 14. ted to it. Lower, Feb. 14.

MR. WILLIAMS'S REPLY TO MR. BILLINGS LEY-CONTINUED

MR. WILLIAMS'S REPLY TO MR. BILLINGSLEY—Convinues.

New Yorks advisor of the sales of the learned judges in the recent case of Neilson's bed air potent, and pointed out their direct application to that under consideration, first, as regards, the principle of introducing the six to the inflammable gases in a furnace, in a division state, as leading to that mixture with the gases, which is the cine qual out of their consideration, and, accound, the mode, or means, by which such division, or distribution, of the six may be offected. I showed that the courts, while they considered that some practical mode, described in the specification, of carrying the principle into actual effect must be pointed out, yet that "the particular mode" in which it is to be effected is left with the public, and that there is nothing in the decision of the judges which confines the parameter to the "one mode" described by him in his specification. This is the mistake, however, into which Mr. Billingsley and others have faller, one occurspensions even poing as far as to say that, because that "one mode," as stated in the specification, described the air as passing through remain holes. I was, therefore, confined to the use of such, and that any other shaped holes were inadmissible. It appears, in fact, that, overlowding the principle, to carry, our which was the object of the passes, and that the max of distributions, a comparatus for distribution, separating, or dividing the air on its adminishmen, was only the mode by which such principle was combodied, Mr. Billingsley appears to have crossidered the one class of distributions, assent in the specification, as the subject matter of the passes in the strength on his part surprises one, since, having read ony Trenties on Conduction, he must have precised that one great object was in argue the necessity for the mixing processor. All this institution of the dividing operators. Mr. Billingsley has paid one the compliment of anyong on Frenties to facilities, and I have one cause to regret thi

affact the purpose of dividing the six, and thus combing it to present a larger surface for contact with the gas. That is the believes the contact with the gas. That is the believes of the contact with the gas. That is the believes of the contact the contact with the state of the contact the c

ing consure on patenties is as ill-placed as it is unmerit

Liverpool, Feb. 15.

C.

[We sincerely hope that, by the formation of the society, referred to in sother column, that parentees will be protected—us one them much, and would, indeed, be hard if talent and capital were not alike protected.)

THE LEAD TRADE.

THE LEAD TRADE.

TO YOUR EDITION OF THE MINIO JOURNAL.

SIR.—I have read, with great pleasure, in your valuable Journal, the satisfactory letter of your Rech correspondent on the subject, more particularly of lead, and the misers thereof. I do not, however, consider that 15t, per ton is found a remunerative price for either this country. Spain, or America. Lead ore assaying for lead only 7-14 oz. out of 10 cr., the standard ought to being about 12t. 12s. per ton, and common piglend, incliniting one-nighth or one tenth of sing, 29t. per ton; at this price the large mines of the Lead Company, Mr. Benament, and others, will pay in this country, and onescarage the advanturers regularly to open fresh ground; but when the price is less, the perdour will gradually decrease, as it is now doing; witness the atopping of the White Gest Mises, is Shoppshow, where, though the advantures have reined lead, and sold to the extent of 160,000d, besides capital expended to the tune of 60,000d, more, on profit has been masse, and the mines are given up, the engines and maextract of 160,0000. besides capital expended to the tame of 60,0000, as profit has been made, and the mines are given up, the engines and chinery being now advertised for eals at a tremendous sacrificatively behaving mines, with only one campition, are in no better post showing a loss of come (0.0000, but are carried on by the section). [stretding] process tedore it content the fernace." The force of words, or researching, cannot be more explicit,—(for Folodor's fligore on Latiner the early good coal in his neighbourhood to sid him, and is a minute the early specified on the trade, and save the early specified were only shown, the trade would, indeed, view the managing in it is a mainter of indifference what we doll the apparents, whether it he a distributor plain, rack, tradits, or rese; it is not the thing, but the present man, it affects, which is the adjust of the potune. Neither with a thin adjust of the potune. The ultra new chains a few potus no the potune. The colors in Walso new chains a few potus for number of the for integers in the potune. The colors in Walso new chains a few potus for the potune. The colors in Walso new chains a few potus to the potus. The colors in Walso new chains a few potus for the potus. The colors in Walso new chains a few potus for the potus. The colors of the few potus in the potus. The colors of the potus of the potus. The colors of the potus of the potus of the potus. The colors of the potus of the potus of the potus of the potus. The colors of the potus of the potus of the potus of the potus. The colors of the potus of the potus

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RELATIVE PROPERTIES OF HOT AND COLD-BLAST IRON

RELATIVE PROPERTIES OF HOT AND COLD-BLAST IRON.

TO THE EDITOR OF THE MINING JOVENAL.

Str.—Mr. C. Wright, of Paut, in his letter of the 4th of January, gives an assessment of the pig-iron sent from the Pinskynanton Works, and which Mr. Fairbairn asperimented upon, which, you will at once see, I could not be aware of, or I should not have alloded to it; in doing so, however, M.Mr. Wright will refer to your Journal of the 6th of August last, he will see that I only state the Pinskynanton Iron-Works as being in the same mineral field so those of Ponkey, from which I inferred they used the same coul and ironstone, but I am not aware of over having asid it was the same.

"Another Original Subscriber," under date of the I 1th of January, is very angry with me for presenting in same ver the various nontymens letters in the only way such trash should be answered, and calls it disgorging my spite, after which he hismeif goes on to assart falseboosts so great as to require no comment here. Our neighbours will be more inspartial judges than cursaives; and his remarks have little, very little, to do with the present question.

Mr. J. Hawthorn's letter, of the little silt, is of a very different class, and shall have my heat attention; in doing us, Sir, I cannot but segret that the names of other parties should be hought into this question, who probably have little to do with it, as regards cold not host blast from, and yee on Mr. Hawthorn begins his letter; it is, therefore, for me to remind both him and yourself that the aquedient at Etankey Perry was not brought into this discussion by myself, but by one who ingred Hamel? "A Japha." and whose roal same you doublins know. What I have be do with it is, aimply, that having been informed, ion the aquedient at Etankey Perry was not brought in the usual quantity of troken hanges, and plates, evidently so broken, at the time of putting up, I was not a little squarition was agitated, by an engineer of the vary first emiocace, that the aquedient as disanley Perry contained much

## LIGHTNING CONDUCTORS.

LIGHTNING CONDUCTORS.

TO THE EDITOR OF THE MINING JOURNAL.

SIR.,—In describing my lightning conductor, I might have added an extraordinary proof of its efficiency. Shortly after its erection, or attachment to St. Paul's Charch, Huddersfield (the loftlest spire, and reared on the loftlest site), the lightning foil on that town, and destroyed the White Lion Inn there, and did considerable damage to two other buildings. These formed a triangle with the charch, as a central point, and without the sphere of influence, in relation to the conductor. The church was a new seretion, and this electrometance, combined with its exposed station, amply confirms the completeness of the protection; life occurred sixteen years ago; St. Peter's Church, as well as the White Lion Inn, in that town, were soon afterwards supplied with this conductor. The tendency of recent exections, sursuemented by upires, &c., to similar visitations, is sufficiently proved in two churches at Derby and Donesster, and in that of Kirkstall, near Loeds. The damage in the last case amounted to nearly 500L, and the architect subsequently attached my conductor to that spire. The damage accruing from the lateral explosion has been sufficiently eliminated by Messrs. Sturgeon, Martyn Roberts, and others, but supposing the question involved here, to be merely problematical, would it be prudent or wise to risk such mighty consequences on such an issue? The facility with which electricity is dispensed to vicinal bodies, from points, edges, or acute angles, is not the facility of vicinal bodies, from points, edges, or acute angles, is not the facility of vicinal bodies, from points, edges, or acute angles, is not the facility of metal inlaid in masts of ships at sea.

J. Myanay. Lichfield, Feb. 15.

GAS-METER QUESTION—THE HYDRAULIC JOINT.

# GAS-METER QUESTION-THE HYDRAULIC JOINT.

GAS-METER QUESTION—THE HYDRAULIC JOINT.

TO THE EDITOR OF THE MINING JOURNAL.

Sin,—May I request the favour of your assistance to set the public right as to the invention of the hydraulic joint, for the purpose of maintaining the proper registering line of water in gas meters (wet). I find in No. 1017 of the Mechanics' Magazine, page 93, this very modest statement male by Mr. Tweed—"The improved meter, which he (Mr. T.) had now brought under the attention of the meeting, was not an invention of yesterday, for it had been patented more than eighteen months; "this was in explanation of the improvements introduced by Mr. Botten, and particularly referred to his patent syphon, and was certainly the truth, but not the whole truth, for while engaged for the European Gas Company in France, so far back as 1836, I made meters, and fitted them with the hydraulic joint (of which the annexed diagram is a representation), and, in 1838, supplied the London and other gas companies with meters, in which I also introduced the improvement; I think, in commun honesty, Mr. Tweed, who, I doubt not, is well acquainted with the foregoing facts, might have admitted that Mr. Botten was not the inventor. I cannot leave the subject, without expressing my strong conviction that if Mr. Jones was not an agent in the hands of Mr. Flowers, that the Mechanics' Magazine was in the hands of Mr. Botten, and for the sole purpose of introducing Mr. Botten's meter makers.

William Mc. Milliam Mc. Hollen-street, Soho, Feb. 16.

## DESCRIPTION OF DIAGRAM.

# THE GAS METER QUESTION.

THE GAS-METER QUESTION.

TO THE EDITOR OF THE MINING JOURNAL.

Sin,—As your valuable Journal is one of the very few which has distinguished itself, and served the public, by reporting the proceedings of the fallacies of gas-meters at the Adelaide Gallery, may I request, as an early labourer in the exposi, that you will do me the favour to insert the following letter, which has been rejected by the Editor of the Machanier' Magazine; though, as you will observe, I have convicted him in three or four cases of gross misrepresentation on the side of the gas companies. I only desire to put myself right with the public.

5, New Bridge-street, Bisockfriars.

Hanny Flowers.

[APTRITERMENT]

SIR,....Having convicted you in one "ministe." or "pausatelety
you or the partiess. Mr. Joseph Thome, who would sweam black use
to call it let me correct three or flower move of your "impartialities."
And, first, with the record of the encycle of your "impartialities."
And, first, with the record of the experiments at the Adolaide Gation
say, "in the newspapers, is too pulpadity defective and ecromeous to i
sad which induced you, on Twoday, January 16, "to make arrange
taking the report of the protectionings." (How we suprise some) date
and pretend to it, or the line's skin shall be stripped off ""
First experiment. With the line's skin shall be stripped off."
"First experiment. "Make the line's sciure (weller), it registered
signifies the communer." "Marchenics" Magazine, p. 25.

"heconol experiment: Hall's plot of water do we off; that effects
the registeration of 1 per cent. suprised the gen supplies." "José, p. 19.

ON THE MANAGEMENT OF SCRIP MINING COMPANIES.
TO THE EDITOR OF THE MENING JOURNAL.

SIE,—As a distant shareholder, paying my first visit to the county.

Cornwall, it appears to me very extraordinary that I can cricit from the spective agents of the "sorty conocerus" in which I am interested, little or satisfactory information as regards who and what are their town direction and I begin to fall into the opinion that I am one of meny who are similar interested, and that we derive an injury, rather than a benefit, by the or citiation of such needless bodies as they appear to be 1 hoseless which regret to notice, that I invariably find that the expense entailed by one of the county of

We need not wonder, then, my brother scrip-holders, that are not among the flourishing, or those paying dividends. Trure, Feb. 9.

DURHAM COUNTY COAL COMPANY.

YO HE EDITOR OF THE MINIMO JOURNAL.

Sin,—I suppose I must consider the signature, J. Gibson, to your last paper, as error of the press, and that the signature real Mr. Thomas Connaings Gibson, to whom alone any observations of applicable. If this gentleman had confented himself with simply do the was implicated in the firmantion of the Northern Mining Companhave let it pass, and Mr. G. shough have bet it pass, and how on the proprieto passitate him from interfering in the affairs of the Durham County pass, it was no affair of mine if parties closes to overfook proud But when Mr. G. goes on to n.id, "I am much mistakes if "Vis himself fully aware that his statement is growing and entirally a compels me to make a reply. Mn far from being fully, or at all, or Mr. Gibson as positive states, I believe my original statement to completely true. I am not the associate or acqualculance of the and to Mr. G. assumes, too resultly, that I can have nothing about tr.. He forgets, however, that the Durham County Coal Company which latter company commenced business by the parable mass of the Norwood Isabella pit, and two arrest of mal, part tr.. He forgets, however, that the Durham County Coal Company, which latter company commenced business by the parable mass of the Norwood Isabella pit, and two arrest of one, part to the Norwood Isabella pit, and two arrest of one, part to the Norwood Isabella pit, and two arrest of one, part to the Norwood Isabella pit, and two arrest of one, part to the Norwood Isabella pit, and the formation of the North Company, which that company and the formation of the Norwood Isabella pit, and the company have that partended to the formation of the transfer of the three of the partended to the origin



# MERTINGS OF SCIENTIFIC BODIES Rogent's park... Easter Hall ..... Crispin street, Spi

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WRETINGS,	
Hell and Selby Railway	18 12.
Bieningham Water Wirts Co Birmingham	200
Sheffeld New Use Company Sheffeld	
Ma gerford Suspension Bridge 9, Villers etreet, Strand	20 2.
Lavergood Gas-Light Company Date-street, Liverpool	
Artena from and Coal Company 9. L. verpool street	21 1.
Tod Vale Ballway Anget Ion, Carell	
Concern Steam Marigation Co 60, Lombard street	
Margairt and Carlisis Railway Aspettia	
Hose Assurance Company London Coffee house	
Dorton County Coal Company Son Inu, Darlington	
West Wheat Jawel Mining Ass'n 71, Throndmontic-street	20
Horth Midland Railway Station, Londs	
Tormouth and Norwick Railway ., Royal Hotel, Morwich	
Loncon & South-Western Kallway Nico Elmo, Vouchall	20 1-
Horie Ball coy Office, London wall	
Consulties Copper Mines of Cohrs 20, Austinfriars	27 1.
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Buttern Counties Raliway Statlen, Shervellich	20
London and Block wall Hallway London Tavern	
London and Westenlauter Bank Bach, Lothbury March	
Bristor and Faster Radway White Limb Hotel	2 12.
Bem. and Dorby Janetten Ballway Waterless Res mes, Elemingham	2 11.
Manchester and Lowde Railway Oblitam at thatten Manchester	2 17.
Affines Gas Company	
The second secon	2.
EALLS.	

## GURARAT PRICES OF 100048 AND SHARES.

Much natiofaction is expressed in the Stock Market, at the intension which has been given, that it is not the intension of Government to offer any measure, during the powers seesing of Parliament, interfacing in any way with either the Sank suches or the present system of grieder or pixel stock lanks, a reprince, however, is not an acqueited, and there is on doubt a coarding inquiry will be entered 1-to with respect to the whole of the present system of backing. Sank Stock has conditionably advanced, and the funds generally have, caring the week, steadily improved.

STOCK EXCHANGE, Salveday merming, Twelve o'clock.

Demonis Money, 16 4
Dittle Account, 16 4
Bittle Account, 16 4
Bot Ag per Cente, 16 4
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Bottend Ag per Cente, 16 1
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Bottend Bittle, 17 6
Bottend Bottend, 17 6
Bottend, 18 6
B CHANUE, Salarshay morning, Twelve o'clock.

Dutch, 2g per Cond., 644 4

Lotto, a per Cond., 644 5

Portingness, a per Cond., 249 94

assiste, 5 per Cond., 24 145

Spanish, Actives, 5 per Cond., 192 4

Bi to, 5 per Cond., 25 4

Chell, 6 per Cond., 25 4

Chell, 6 per Cond., 25 4

Contombian, d per Cond., 25 4

Maximum, 5 per Cond., 25 4

Maximum, 5 per Cond., 25 4

Pero., 174 104

PROMINIORY NOTES AND BULLION—An account of the average aggregate amount of presciously notes, espadie in bearer on downard, which have been in treatation in the United Kingd on, distinguishing those creminate by the Bank of Brigated by private busins, and by post-stead, banks in Rigitand, and Wales, by the banks in Rigitand, and Wales, by the banks in Rigitand, on the wall of the bank of Brigated, disting the board of the average amount of buildion in the Bank of Rigitand, direct the Rigitand, disting the first works seeding the first works seeding the office of the seed of the average amount of buildion in the Bank of Rigitand, direct the Rigitand, distinguished, private banks, \$\frac{1}{2}\theta \frac{1}{2}\theta \frac{1

[From our own correspondents.]

of britands, 15-16. Whitener Copper Mines, 1545.

LEEDS, Two area v.—The hostiness in the share market has been rather entry of tensors than for the last rew weeks. Drighten charse have rather advanced there are tensors than the thousand there were not first to the proper than a stranger of the mark hostine, being seen at \$250, and their first them at \$25, and Hall and father are very elemant as 500 to \$250, for come-quanter of the strainest of \$25, and Hall and father are very eleman at 500 to \$250, for come-quanter of the strainest of \$25, and their returns the strainest of \$25, and their returns a strainest on \$25, and their returns a strainest on \$25, and their returns a strainest on \$25, and their returns a strainest of \$25, and their returns a strainest prices. North Mines land that \$25, and their returns a strainest strainest prices a North Mines and Strainest prices and their returns \$25, and \$25, a

HULL, Tursmax - There has been rather more done this week, and at before free. The Stall and being Railgar Company's decident with he 278. Elements as at Barby, 416. Little and being Railgar Company's decident with he 278. Elements as at Barby, 416. Little and Railgar Company, and an Sailgar, 248. Little and Stall and Sailgar, 248. Little and Stall and Sailgar Allenders, 416. Little and Diving him, high a keep some sent Brighting Sail. March-oter Little, 181. Little and Cartine, 781. North-oter Little, 181. Sailgar Allenders, 216. North Sailgar Allenders, 216. North and Plantand, 416. Small Eastern, 216. Vert and published and Sailgar Allenders, 216. North S

BASETOL, Farmat. — Cher market is oppositingly basemant, and, from the farmation required to fine threat Western Sanis-ay meeting, be a se Lordon, problems, which has given understand authorized market, a strikened as the rate of per creat, per anneal was declared, and sanish on the let March. Britand and Excise shares and to provide growing provides and action of the rate of per creat, per anneal was declared, and sanish on the let March. Britand and Excise shares and to provide domain.— Green Facility of the let it is a first anneal and Excise, the risk, the let it is a first anneal and Excise, the risk, the risk is the letter of the le

Direction, Twoscos, ... Edicinega, and Observe Railway, 425. Darketh, and Edicinega, Dir.; Unancer and Orsecool, Dir., Observe and Colored Dr., Sch., Description and Assessment, Dir.; Window and Colored Dr., Sch., Description, 1981. Description, 1981. Receipt and Assessment, Br., Advanced and Period Direction, 1981. Assessment, Direction, 1981. Secretary, 1981. Assessment, 1981. Excellenge and Labor. Commencer and School of Secretary, 1981. Excellenge and 1981. April 1981. Secretary and 1981. April 1981. Secretary and 1981. April 1981. Secretary and 1981. Secr

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## SALE OF COPPAR ORES IN CORNWALL

NO SALE on The reday last, the 14th in

MO SALE on Thursday last, the 16th lind.

Copper over for eaks on Thursday note, at Parqubarson's Hotel, Truro...—Mines and parceis—Trumproan 509, Fowey Concess 509, Trethetlan 254, Weet Caradon 208, Holombach 264, Par Concests 193; Wheal Providence 121; Weet Gorland 112; Weet Wheal Jewel 87, Charlestown Un. Mines 69; Harvey's Ore 69, Penstruthal 42, Francis's Gree 81; Wheal Toigne 81; Cleff Downs 29; Great Wheal Charlotte 16; Wheal Unity Wood 14; Wheal Harmony 12.—Total 5429 tons.

Copper news for sale on Thursday work at Pearce's Hotel, Truro...—Mines and Parceis...—United Mines 1254; South Caradon 412; Haltenbeagle 401; Fowey Coccess 189, Treidigh Concess 189, North Downs 199; Treadwan 127; Tregothian Concess 66; Wh. Money 26; Killewerris 5.—Total 2666 tons.

## SALE OF COPPER ORES AT SWANSEA.

Copper ores for sale February 21.—Child 147, ditto 41, ditto 51, ditto 51, ditto 50, ditto 71, ditto 71, ditto 71, ditto 71, ditto 72.—Cobre 142, ditto 74, ditto 53, ditto 54, ditto 55, ditto 54, ditto 55, ditto 57, ditto 57,

## WORK PERFORMED BY CORNISH ENGINES

The number of pumping-engines reported for the month of Jan., is 43—the quantity of coals consumed being 1079 tons, lifting, is the aggregate, 38,998,000 tons of water to fatheons high-othe average duty of the whole is, therefore, do-en,000 has ited 1 most high by the encanantions of 1 bushed of coal.—The busher at Trowards has been uneverted; they are leading at 606 Kingine, Kant Whoel Kings, and at the Old Rogine, Polherns.—The usual particulars will be published in our next.

# LATEST CURRENT PRICES OF METALS

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Siene	cuin		Maran			ounces,
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	100		New York	 	 3,875	
- C	ales be	: М	are iffices	 	 - Million	

### COAL MARKET, LONDON

COA 6 MARKET, Low DON

MONDAY.—Prices of coals per ton of the close of the market:—Buddle's West Hartley 15 6—Care's ditto is 6—Davidsons's ditto is 9—Heating's ditto is 6—Nelson's ditto is 19—Heating's ditto is 10—Heating's ditto is 6—Nelson's dispersion is 19—Wysiam is 9—Wall's End Delayel is—Heating 15—Heating 15—Heating 15—Heating 15—Heating 15—Heating 15—Heating 16—Heating 16—Davidson's West Hartley 15 9—Heating's Hartley 26—Chester Main 18—Davidson's West Hartley 15 9—Heating 16—Heating 16—

# STATISTICS OF THE COAL TRADE.

STATISTICS OF THE COAL TRADE.

The official "account of cost, colon, and cinders, imported into the port of London during the year oil, and sold at the Cual Market, specifying the quantities of each particular nort, as per fitter's certificate," is now lying before us, and we propose in angely an ideatract of the several tables to our readers.

First, the todal monthly imports.

Months. Ships. Tons.

Months. Disp. 70s. 10s.st

January	506	86,578	July	248	19-3 <sub>4</sub> ,400.
Fubruary	nesi	THE BOOK I	August	1194	361,46
March		552,484.	September	540	221,46
April		196,721	October	Wed	954,52
May	8-25	E43,636	November	915	266,00
June			December		2006,004
				Messac	M-1 - 100
	Total			priys	E_2'ES, 000
Char ment table will	show from	what son	ceus these supplie	a of coal were	PROVINGS
by the metropolis of	One rough or	-			
Bracees. B	Stiget.	Times.	Sinceres.	Milips.	Tons
Newcastle		Stat. 277	Vorkables	85	- 69,311
motte Wall's End	chief	214,055	Sundry pieces	6	4.20

	Military .	TIMES.	Si nacesea.	Mhips.	Toma.
			Vortables		
gretten Watt's Rend	1 figel	244,853	Sundry pieces		630
tonderland	13	ALIGN.	Some If coal :		
these Walt's End	9455	734.064	Biandon Main	A second	4.93
Storkton	10	8,199	Louiss's Main	. 1	182
Hotro, Wall's Red	DR45	570,115	Scottle Fundant		0.14
Maria	496	144,704	Whitheld		
Stoubels	201	19,655	W. E. Cassop		197
Welsh	E48	29,600		Section 10	on the same
		mak		policy to	719,792
	Civitae	******	Witness C. Washington		1,000
	Cinde			. 19	8,184
				ments to	TO MARKET

Amounted to the "secreent" of imports on out, to a statement of the imports of

B 10	of pierces ;	made : which	WE CITY ME	Solice #4	1985	
P6.		Kirlph.	Finns.	Ves.	Military	b. Froms.
60.		7100	5.1 Nb.479	1694		5 11-1 E. N. L. 1865
368		2422	3,816,419	STREET		1 B. #25.005
94 .		7464	8,479,666	1646		5 5,165,100
Ek.		7908	E. 2004, KEE	1981 .	1000 Teles	S.JOS. 144
ALC:		N168	B. 50H., 654	1949	· · · · · · · · · · · · · · · · · · ·	8,768,000

that the state of the second s

this, confidences.

Filital V.—Judia De Jacob Parintono, Story atto t. H. Mary app., morehand—Y. Futton. Cris. others. Newtonian., som tomorber V. Futton. Milyanatis, Sentiment J. Futton. Cris. others. Milyanatis, Sentiment J. S. Story. Story. Milyanatis, Sentiment J. S. Story. Milyanatis, Sentiment J. S. Story. Milyanatis, Sentiment J. S. Story. Milyanatis, Sentiment Story. Milyanatis, Milyanatis, Sentiment Story. Milyanatis, Sentiment Story. Milyanatis, Milyanatis, Sentiment Story.

Under the head "Foreign Mines" will be found a report from the Imperial Brazilian, of railier a more favourable nature than the last two or times arrivale. The
prospects of several English mines are extremely favourable, and chares penerally
are looking up—especially those of the Bedford United, Butallack, Holmbook, Tincroft, and West Wheal Jewel. Among our correspondence on this subject is a use
from "A Submeriber," respecting last week's quotations of Cobre shares, and our observations in that Journal will apply here—the quotations, when altered in our flat,
are from actual transmestions, or at prices for which shares have been offered. Our
Penzance correspondent will not we have quoted from his information, which we
have ascertained to be the price in London. We are anxious at all times to be an
correct as possible in our share lint, but, while we are greatly obliged to our readers
and correspondents on this subject, and shall always be happy in receive their commanications, we begt to say we must use some discretion, and compare their information with that obtained in our usual course.

BRITISH MINES.	BRITISH MINES-continued.
Shares. Company. Paid. 7	rice Shares. Company, Paid, Price
500 Anglescy	- 130 Treviskey and Barrier 260
4,000 Beaford	M   36 Tresavens 1100
100 Butallack	800   120 Tretheliau
20,000 British leva 70	- 4,006 United Hills 4 . 4
	- 4,000 Wicklow Conser 5 .1.4
120 Brewer	120   3,845 West Wheal Jewel 10 11
79 Budnick	
1,000 Cara Brea	
5,000 Con.Tretoil MiningAss. 4	
2,000 Cornubian Lead Co 2 512 Cook's Kitchen	FOREIGN MINES.
112 Chariestown	
12s Crogg Braws 40 .	
128 Cusheen 15	75 3,374 Do. Subscription 25 21 1
16,000 DurhamCountyCoulCo. 27	9 2,000 Holamon
126 East Pool	
low Grunt Consols 97	
10,000 Hiberman 124	14 /0,000 Bolivas
1,000 Holmbush 14	42 In 1000 Ditto Series 10 9
2,000 Isie of Sark (Guarnery) 11	6 10,000 Cata Branca-Brazilian )
80 Levant	LOSS PART
20,000 Mining Co. of Ireland 7	134 12,000 Cohre CopyerCompany 48 24 25
128 Mostyn Mines 100	- #,500 Colombian Co. regis 55 2
20 North Roskest	
3,005 Poliserou Crusols 10 .	
in,one Rhymney Iron 50	
128 South Caradon	12,000 Mocasina and Cornes 25 45
960 South Towan 10	9 14.502   Real dei Monte, regio, alli. 14
64 South Wheal Baset	in this maregistered
57 Spram Moor 70	
135 Tregullan	
4,000 Treleigh Consols 5	
6,000 TamarConsois 3	
128 Trewavas	110 Red Kere Scrip 14. 3
Committee of the Commit	

## RAILWAY SHARE LIST AND TRAFFIC RETURNS.

Line.	Entire Lgth.	Now Open.	Present ac-			Actorns.
Arbroath and Forfar Knilway	12	15	₫ 1:6.704	25	72	ampag.
Birmingham & Derby June.	454	481	1,110,481	100	405	1007 11 5
<b>Birmingham and Gloocester</b>		85	1,440,650	100	474	1447 14 6
Brandling Junction	25	25	454, M25	50	100	495 7 9
Chester and Birkenhead	149	144	658,424	54	39	BIG 19 9
Dublin and Kingstown	- 6	.6	3.46,293	100	274	494 3 4
Dundee and Arbroath	148	144	141,512	. 26	28	120 2 3
Eastern Counties*		174	2,161,054	23	94	790 18 7
Edinburgh and Glasgow	46	46	1,585,077	84	46	1497 17 4
Glangue and Ayr	14	45	289,433	840	49	792 8 14
Glasgow and Painley Joint	224	174	730, 298	25	25	OH 13 9
Gd. June. & Chester & Crewe		1154	2,318,535	100	193	Smap   5 44
Great Morth of England	74	44	1,291,670	100	61	1340 9 4
Great Western	11m4	Ilma i	6,540,623	63	wid-1	10150 8 6
Hayle	16	18	125,000	1648	1000	MITTERS.
Hull and Sothy	31 /	21	681,954	548	3.5	615 6 4
Langueter & Preston June.	204	204	415,510	47	27 4	Dispersion .
Liverpool and Manchester	.51	31	1,515,215	Lon	1362	3436 14 7
London and Birmingham	1176	112a	5,922,611	100	2045	13671 4 4
Landon and Blackwall	32	3.0	1, 41,383	148	5	518 IN .
London and Brighton	86	34	2,589,645	Ju.	25.9	9394 17 4
London and Croydon	104	104	618,748	13.8	12	101 3 0
London and Greenwich	30	38	1,819,655	124	44	675 7 11
London and South Western	923	929	7,565,511	394	534	4013 12 104
Manchester, Bolton, & Hory	10	10	777,368	754	14	555 19 4
Manchester & Birmingham	40	21	1,742,941	40	26	3166 15 B
Manchester and Londs	34	10	2,3(3),104	716	712	3408 5 10
Midland Counties	5.7	5.7	1,440,000	100	644	\$187 10 164
Newcastle and Carlinie	61	61	750,000	100	Wa !	
Newcastle and N. Shields	2	1	282,077	46	44	974 19 3
Northern and Eastern?	87A	524	358,914	45	354	1010
North Milland	728	778	8,000,007	100	F34	8307 16 B
North Union;	77	12	\$50,000	28	754	910 8 A
Presion and Wyre	15	Tw I	2711,5900	Sex	34	103 0 11
thefficit and Manchoster	46	11	201,527	RIG	574	164 to B
louth Eastern	107	61	1,073,468	10	224	1343 11 11
aff Vale	39	300	339,718	108		*****
Rater ox abstract press >	25	74	724,743	23	- 1	419 IS A
fork and North Midland	17	27	411,500	An I	565	1304 3 3
. Including Nuclisers and I	Pasters			? Rent	Arred No.	it to Eastern
insection   above 15ml, por wer						

# JOINT-STOCK BANKS

Moutings of Joint Stork Banks have, as usual at this coause of the year, taken place in various parts of the hingrom, and, spon the whole, the different reports and statements are of a somet satisfactury nature, and evidence that this description of property surpasses almost every other for formers and safety for investment, in another evidence we have given a list of these companies, the result of whose meetings have reached us, with the directedness declared, as the regular status of the proceedings condors a detailed second quite unsecuency, the transactions at the meetings being secrely those for which they were convened—declaring dividends, and voting thanks to, and conditioned in, directors and managers.

thares.	Company,	Paid.	Price	Sharva.	Company. Paid.	Price
18,000 /	Accermiants	. 47	504	\$10,000	Liverpool Borough . It	138
	Birmingham			25,016	Ditto Bank of 124.	50.
21,100	British N. American	40	414		Ditto Banking Co. 18	
E24,0600	Christian h. A Giorces	4. 6		Self-Reco	Ditto Commercial 10	12
100,054	Commercial or Eng.	. 6 .	***		Ditto Royal los	1679
1,000	Commer, of London	2MS	178	100,000	Manch, & Liver, Die, 15	100
[Ma_/1648]	Colomial.	. 25	144	Ese,ece	Manchester 10 .	-
Solutions.	East of Engineed	. 10	74	\$15,78M	Munchester & Sulfold 10 .	10
20,000	Glumcestershire	. 10	298	pe,dest	Matternal of Ireland. 174	147
4,7400	Somian.	. 35	24	10,000	Nati. Provi. England 15	244
DOLUMB.	Looking Co	. 15	19	\$10,750	North & South Water 18	44
DATE THE REAL PROPERTY.	Levela & West Bidley		10	21,010	Provincial of Ireland 25	419
Broin, rivall	London & Westerland	. De	28	20,000	Scoth Lancashire 74	64
60,000	London Joint-Stock	10 .	124	200,000.0	W.of Eng.A.S. Walcoll, 175	19
(10,7900)	London and County	be		200,000	Union or Australia 25	3/4
Int, section	Livergood Albina	, 38	286	61,000	Union of London 10	24

# MISCELLANEOUS.

The felick Waste Load Impervement Assistation held their half-yearly receiving on Thurwise. The report of the directions appeared by give ments cathemetican to the share-bo-ident presents. The transity are increasing, and the hard is improved as properties to the share-bo-ident presents. The transity are increasing, and the hard is improved as properties in the increasing although many holders of shares have proved defaultion, asseming whom is Desired O'Connectif, M. P., the foot them of public productions are to be taken for the house in the name in the so distinguished, when the household for the shares in the scheme shaped of the operation production of product and for the house in the scheme conject of this operation and philosophropic science. The derestive remarked their contemporer is an a new nearline state, and the first programm of the interest of the contribution of predict with take places and the shares of the solution of the confirming presenting of treatment to the searchment of the confirming presenting of treatment.

						NI NI WALLEY
STATE OF BRIDE	Componer.	Paid.	Price	Bioners	Concurry Paid	. FINE
	Angle-Mexican Mint				Lots, Com. Sale Rossica	
14,660	Ages Dry Boll	186	2	1,1676	London Corn Each. 37	305
(California)	Another (Charleton)			8, 900	Lorentons Commonthorne . 12:	. 15
0.500	Acces Ton Conspone	128	46	J. Miles	London Consulary 30	
0.00	Assetted Agent witnessel,	Prick.	26		Lost. Brent, Int. Nov. 10	
2,000	Billiomers Banboners	F4		15,000	Mat. Fut. Wood Purray &	
(HUSBER	Blifts Poloscome	. 2 -			Mexican & S. American 7	
6,400	Brot. Amor. Land Co.	BB5			New Brisner by (Lt.) 60	
4,790	Sirth, Lossa & Dire. Dont	28	7.9		Production A Unwested 36	
6,876	Bolt, Stort & Pal. Soil.	. 30	Trip.		Marrow, But, Musbery 1000	
8,512	Charles Lacod Ch	E58	AU's		Birroad triad Minama Pet, ad-	
	R. C. of Cru. Ame. Bek		18	2,00	Shorte's iron Founday 48	100
A - 198	Description Parent sail	18	186		Small According St.	
	Equipment Server Server		80	3,000	Sinky Chevaners' Torontog 19	L 08
	Gun. Mexic Savig		28	6,500	Themes Tooms	- 8
	Class. Burn # Doll. Rest.		36	55,450	Ties alteressa's Land . Inc	
E.110	Wassered and Market.	DR0	80.0	4,500	W. Law. & Western Com	

London: Printed and Purthered, workly, he taxted Even-on, at the city of humber; where all Communications and Attractions are quanted to be forwarded, post-park